HCD-SH2000

SERVICE MANUAL

Ver. 1.3 2012.07

US Model E Model



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CD	Турс	CDM86B-DVBU101
Section	Optical Pick-up Name	KHM-313CAB/C2NP

SPECIFICATIONS

Amplifier section

The following are measured at AC 120 V -240 V. 50/60 Hz

Power output (rated):

High channel 300 W + 300 W (at 4 Ω , 1 kHz,

1% THD)

Low channel

300 W + 300 W (at 4Ω , 100 Hz,

1% THD) RMS output power (reference):

High channel

500 W + 500 W (per channel at

4 Ω, 1 kHz)

Low channel

500 W + 500 W (per channel at 4 Ω, 100 Hz)

PC (AUDIO IN) L/R, TV (AUDIO IN) L/R, DVD/SAT (AUDIO ÍN) L/R, GAME

(AUDIO IN) L/R

Voltage 2 V, impedance 47 kΩ

Sensitivity 1 mV, impedance 10 k Ω

← A, ← B port: Type A

USB section

Supported bit rate

MP3 (MPEG 1 Audio Layer-3): 32 kbps – 320 kbps, VBR WMA: 48 kbps – 192 kbps AAC: 48 kbps – 320 kbps Sampling frequencies

MP3 (MPEG 1 Audio Layer-3): 32 kHz/44.1 kHz/48 kHz

WMA: 44.1 kHz

AAC: 44.1 kHz

Transfer speed Full-Speed

Supported USB device Mass Storage Class

Maximum current

500 mA

Disc player section

System

Compact disc and digital audio system

Laser Diode Properties

Emission Duration: Continuous Laser Output*: Less than 44.6 µW

* This output is the value measurement at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture.

Frequency response 20 Hz – 20 kHz Signal-to-noise ratio

More than 90 dB

Dynamic range More than 88 dB

Tuner section

FM stereo, FM/AM superheterodyne tuner Antenna:

FM lead antenna AM loop antenna

FM tuner section

Tuning range 87.5 MHz – 108.0 MHz (50 kHz step)

AM tuner section

Tuning range

US, E2, E51 and MX models:

530 kHz - 1,710 kHz (10 kHz step)

531 kHz – 1,710 kHz (9 kHz step)

EA model:

EA model: 531 kHz – 1,602 kHz (9 kHz step) MY and SAF models: 530 kHz – 1,610 kHz (10 kHz step) 531 kHz – 1,602 kHz (9 kHz step)

General

Power requirements

AC 120 V - 240 V, 50/60 Hz

Power consumption

320 W

Dimensions (w/h/d) (excl. speakers)

 $5\dot{1}0 \text{ mm} \times 235 \text{ mm} \times 420 \text{ mm}$

Mass (excl. speakers) (Approx.) 10.0 kg

Supplied accessories

Remote control (1)

R6 (Size AA) batteries (2) FM lead/AM loop antenna (1)

Speaker foot (8)

Design and specifications are subject to change without notice.

· Abbreviation

E2 : 120V AC area in E model

E51 Chilean and Peruvian models Saudi Arabia model EA

ΜX : Mexican model

MY : Malaysia model

: South African model

MINI HI-FI COMPONENT SYSTEM

9-890-576-04

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Sony Corporation

Published by Sony EMCS (Malaysia) PG Tec

SONY

HCD-SH2000

SAFETY CHECK-OUT

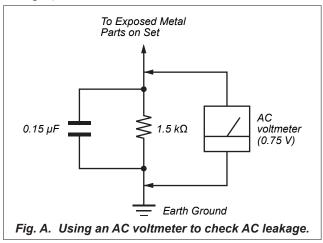
After correcting the original service problem, perform the following safety check before releasing the set to the customer:

Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- 2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)



SAFETY-RELATED COMPONENT WARNING!

COMPONENTS IDENTIFIED BY MARK \triangle OR DOTTED LINE WITH MARK \triangle ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

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SECTION 1 SERVICING NOTES

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the leadfree mark (LF) indicating the solder contains no lead.

(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size)

: LEAD FREE MARK

Unleaded solder has the following characteristics.

 Unleaded solder melts at a temperature about 40 °C higher than ordinary solder.

than ordinary solder.

Ordinary soldering irons can be used but the iron tip has to be

applied to the solder joint for a slightly longer time. Soldering irons using a temperature regulator should be set to about 350 $^{\circ}$ C.

Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!

Strong viscosity

Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.

Usable with ordinary solder
 It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body. During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.

The flexible board is easily damaged and should be handled with care.

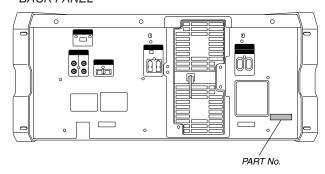
NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pickup block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

CLASS 1 LASER PRODUCT LUOKAN 1 LASERLAITE KLASS 1 LASERAPPARAT This appliance is claassified as a CLASS 1 LASER product. This label is located on the rear exterior.

MODEL IDENTIFICATION

- BACK PANEL -



Model	Part No.
E2, E51, EA, MY, SAF	4-275-656-0
MX	4-275-656-1
US	4-275-656-2

· Abbreviation

E2 : 120 V AC area in E model E51 : Chilean and Peruvian models

EA: Saudi Arabian model
MX: Mexican model
MY: Malaysia model
SAF: South African model

PLAYABLE DISC

Format of discs	Logo
• AUDIO CD	COMPACT DIGITAL AUDIO
 CD-R/-RW in AUDIO CD format CD-R/-RW in DATA CD format, containing MP3 	DIGITAL AUDIO Recordable COMPACT COMPACT COMPACT COMPACT Recordable Recordable
audio tracks ¹⁾ that conforms to ISO 9660 ²⁾ Level 1/Level 2, Joliet (in expansion format), or Multi Session ³⁾	COMPACT DIGITAL AUDIO ReWritable ReWritable

- MP3 (MPEG 1 Audio Layer 3) is a standard format defined by ISO/MPEG which compresses audio data. MP3 audio tracks must be in MPEG 1 Audio Layer 3 format.
- A logical format of files and folders on CD-ROMs, defined by ISO (International Organization for Standardization).
- This is a recording method that enables adding of data using the Track-At-Once method. Conventional discs begin at a disc control area called the Lead-in and end at an area called Lead-out. A Multi Session disc is a disc having multiple sessions, with each segment from Lead-in to Lead-out regarded as a single session.

NOTE OF REPLACING THE IC102 AND IC4605 ON THE DMB21 BOARD

IC102 and IC4605 on the DMB21 board cannot exchange with single. When these parts on the DMB21 board are damaged, exchange the entire mounted board.

NOTE OF REPLACEMENT OF THE MS-214 BOARD

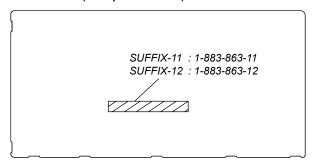
When the MS-214 board is defective, exchange the entire MD (AU) ASSY.

MAIN BOARD DISCRIMINATION

In this set, the MAIN board has been changed in the midway of production.

Repair after distinguishing each type set to doing the repair referring to the following.

- MAIN Board (Component Side) -

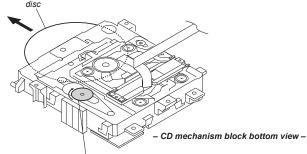


NOTE OF REPLACING THE IC103 AND C242 (Combination: TYPE B) ON THE MAIN BOARD (Suffix-12)

IC103 and C242 (Combination: TYPE B) on the MAIN board (Suffix-12) cannot exchange with single. When these parts on the MAIN board (Suffix-12) are damaged, remove IC103 and C242 (Combination: TYPE B) and replace with IC102 and C239 (Combination: TYPE A)

HOW TO EJECT THE DISC WHEN POWER SWITCH TURNS OFF

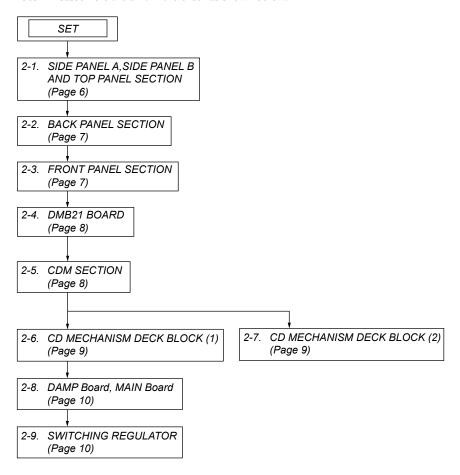
Note: Please take out the CD mechanism block from a set referring to "SECTION 2 DISASSEMBLY".



Please rotate the pully in the direction of the arrow and eject the disc.

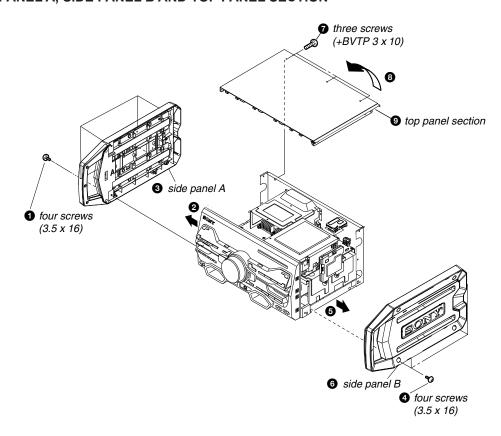
SECTION 2 DISASSEMBLY

Note: Disassemble the unit in the order as shown below.

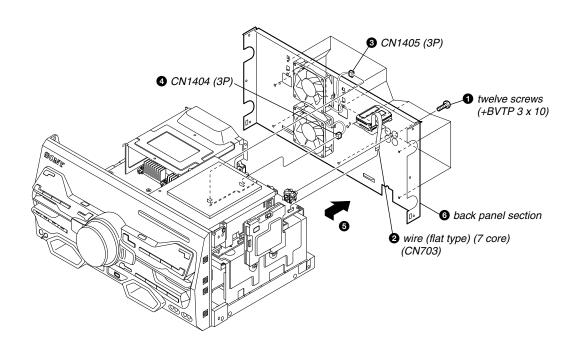


Note: Follow the disassembly procedure in the numerical order given.

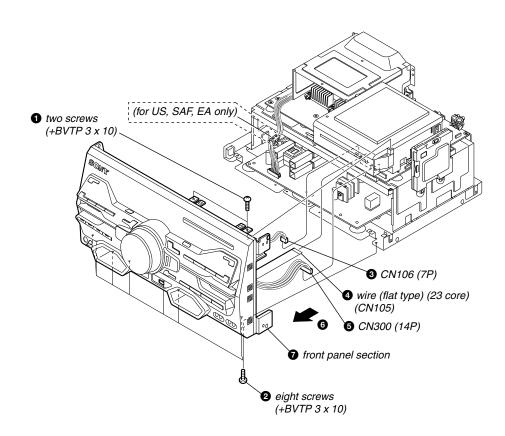
2-1. SIDE PANEL A, SIDE PANEL B AND TOP PANEL SECTION



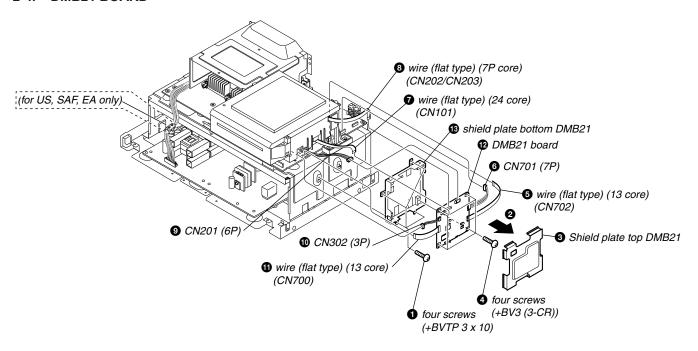
2-2. BACK PANEL SECTION



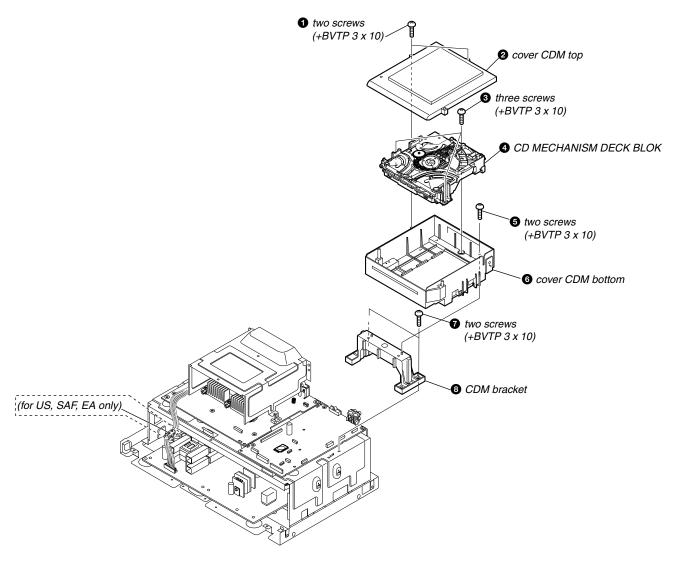
2-3. FRONT PANEL SECTION



2-4. DMB21 BOARD

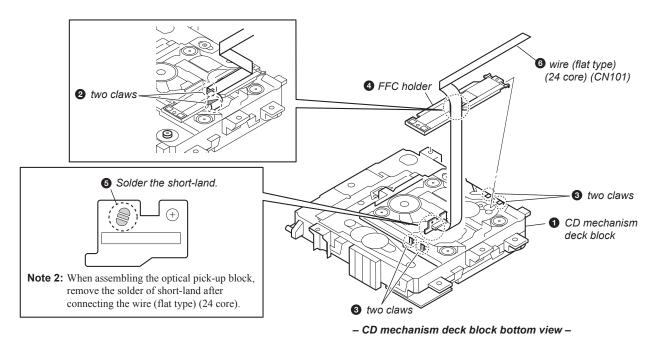


2-5. CDM SECTION

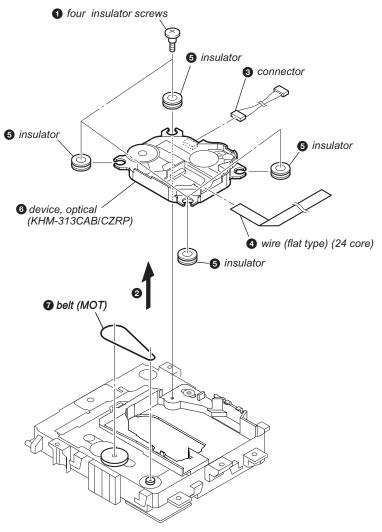


2-6. CD MECHANISM DECK BLOCK (1)

Note 1: Before disconnecting the wire (flat type) (24 core) of optical pick-up block, solder the short-land.

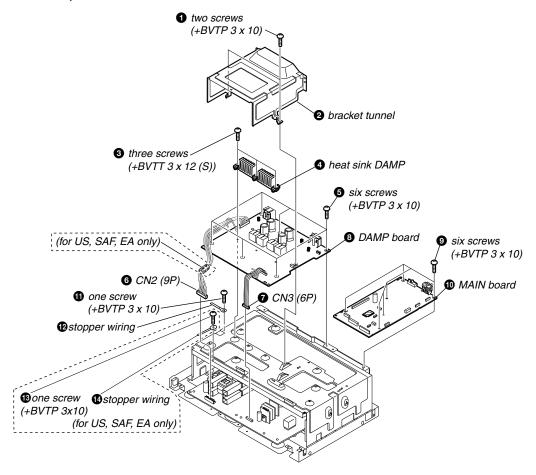


2-7. CD MECHANISM DECK BLOCK (2)

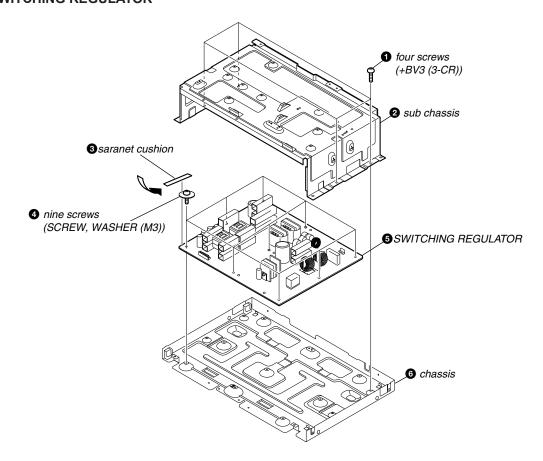


- CD mechanism deck block bottom view -

2-8. DAMP BOARD, MAIN BOARD



2-9. SWITCHING REGULATOR



SECTION 3 TEST MODE

PANEL TEST MODE

This mode is used to check the fluorescent indicator tube, LEDs, keys, [MASTER VOLUME] jog, model, destination and software version.

Procedure:

- Press [SEARCH] button and [OPTIONS] button simultaneously and hold 3 seconds.
- All LEDs and segments in fluorescent indicator tube will light up.
- When you want to enter to the software version display mode, press [FLANGER] button. The model information appears on the fluorescent indicator tube. Press [FLANGER] button again to view the destination information.
- 4. During the destination information display, press [FLANGER] button. Each time [FLANGER] button is pressed, the fluorescent indicator tube shows the version of each category software in the following sequence: SC, MTK (DMB Board firmware version), UI, PF, SYS, CD, CDMA, CDMB, ST, TA, TAS, TM and return back to model information display.
- 5. When [SEARCH] button is pressed while the version numbers are being displayed except model and destination, the date of the software creation appears. When [SEARCH] button is pressed again, the display returns to the software version display.
- 6. Press [ISOLATOR] button, the key check mode is activated.
- In the key check mode, the fluorescent indicator tube displays "K 0 V0". Each time a button is pressed, "K" value increases. However, once a button has been pressed, it is no longer taken into account.
 - "V" value increases in the manner of 0, 1, 2, 3 ... if [MASTER VOLUME] knob is turned clockwise, or it decreases in the manner of 0, 9, 8, 7 ... if [MASTER VOLUME] knob is turned counterclockwise.
- 8. When [SOUND FLASH] button is pressed after all LEDs and segments in fluorescent indicator tube light up, alternate segments in fluorescent indicator tube and LEDs would light up. If you press [SOUND FLASH] button again, another half of alternate segments in fluorescent indicator tube and LEDs would light up. Pressing [SOUND FLASH] button again would cause all segments in fluorescent indicator tube and LEDs light OFF. Pressing [SOUND FLASH] button again would cause all segments in fluorescent indicator tube and all LEDs light up.
- 9. To release from this mode, press the [SEARCH] button and [OPTIONS] button in the same manner as step 1, or disconnect the power cord.

COMMON TEST MODE

This mode is used to check operations of the Amplifier section. **Procedure:**

To enter Common Test Mode

- 1. Press [USB/USB SELECT] button and [PRESET EQ] button simultaneously and hold for 3 seconds.
- The upper segments of fluorescent indicator tube will blink. The function is changed to TV and the volume is changed to VOLUME MIN.

Check of Amplifier

- Press [PRESET EQ] button repeatedly until a message "GEQ MAX" appears on the fluorescent indicator tube. GEQ increases to its maximum.
- Press [PRESET EQ] button repeatedly until a message "GEQ MIN" appears on the fluorescent indicator tube. GEQ decreases to its minimum.
- 3. Press [PRESET EQ] button repeatedly until a message "GEQ FLAT" appears on the fluorescent indicator tube. GEQ is set to flat

- 4. When the [MASTER VOLUME] knob is turned clockwise even slightly, the sound volume increases to its maximum and a message "VOLUME MAX" appears on the fluorescent indicator tube.
- When the [MASTER VOLUME] knob is turned counterclockwise even slightly, the sound volume decreases to its minimum and a message "VOLUME MIN" appears on the fluorescent indicator tube.

To release from Common Test mode

- 1. To release from this mode, press 1/0 button.
- 2. The cold reset is enforced at the same time.

COLD RESET

The cold reset clears all data including preset data stored in the EEPROM to initial conditions. Execute this mode when returning the set to the customer.

Procedure:

- 1. Press 1/0 button to turn on the system.
- Press [■] button and I/O button simultaneously for 3 seconds.
- "COLD RESET" appears on the fluorescent indicator tube. After that, the fluorescent indicator tube becomes blank for a while, and the system is reset.

TUNER STEP CHANGE

The step interval of AM channels can be toggled between 9 kHz and 10 kHz. This mode is not available for Saudi Arabian, European and Russian models.

Procedure:

- 1. Press 1/5 button to turn on the system.
- 2. Press [FUNCTION] button repeatedly to select the "AM".
- 3. Press button to turn off the system.
- 4. Press [ENTER] button and [I/O] button simultaneously. The system turns on automatically. The message "AM 9K STEP" or "AM 10K STEP" appears on the fluorescent indicator tube and thus the channel step is changed.

CD SHIP MODE (WITH MEMORY CLEAR)

This mode moves the optical pick-up to the position durable to vibration and clears all data including preset data stored in the data flash to initial conditions during the next AC-In. Use this mode when returning the set to the customer after repair.

Procedure:

- 1. Press ✓ button to turn on the system.
- 2. Select CD function and without dics inserted.
- 3. Press [EJECT] button and \(\overline{\bu}\cdot\) button simultaneously for 3 seconds. The system turns off automatically.
- A message "MECHA LOCK" is displayed on the fluorescent indicator tube and the CD ship mode is set.

CD SHIP MODE (WITHOUT MEMORY CLEAR)

This mode moves the optical pick-up to the position durable to vibration. Use this mode when returning the set to the customer after repair.

Procedure:

- 5. Press 1/0 button to turn on the system.
- 6. Select CD function and without dics inserted.
- 7. Press [CD] button and 1/0 button simultaneously. The system turns off automatically.
- A message "MECHA LOCK" is displayed on the fluorescent indicator tube and the CD ship mode is set.

DISC THEFT PREVENTION MODE

This mode let prevent disc to be ejected. When this mode is activated, the disc will not eject when [EJECT] button is pressed. The message "LOCKED" will be displayed on the fluorescent indicator tube. This mode only applied when there is disc.

Procedure:

- 1. Press 1/4 button to turn on the system.
- 2. Select CD function.
- Press [PLAY/PAUSE] button and [EJECT] button simultaneously for 3 seconds. The message "LOCKED" or "UNLOCKED" displayed on the fluorescent indicator tube.

FACTORY PRESET

This mode is use to load all the factory use preset frequencies into FM 1-FM 20 and AM 1-AM 10. Originally, frequency of FM 1-FM 20 and AM 1-AM10 are set to the minimum frequency.

Procedure:

- 1. Press 1/4 button to turn on the system.
- 2. Press [SEARCH] button and [TUNER/BAND] button simultaneously and hold for 3 seconds, message "FACTORY" appears on the fluorescent indicator tube. The function is changed to TUNER automatically.

[PROTECT KIND CHECK TEST MODE]

 This mode is used to check types of protect occurred during protector on.

Procedure:

- During protection on, fluorescent indicator tube shows blinking message "PROTECT".
- 2. Press [PLAY/PAUSE] button and [STOP] button simultaneously.
- Fluorescent indicator tube display will toggle between "PROTECT" message and type of protection mode.
 Below table explains on different types of protection mode.

Indication on display tube	Breakdown of defect
AMPLIFIER	Defect of AMP circuit
MTK POWER	No power supply to DMB mount
POWER SUPPLY	Defect of power supply circuit to AMP
FANBLOCK	Defect of DC FAN and DC FAN driver circuit

1. Defect of AMP circuit

1-1. If PROTECT mode is "AMPLIFIER",

The following defect might be possible.

Defects	Possible cause
OTP (Over Temperature Protection)	Unusual heat up of MOS- FET by improper assembly of heatsink, destruction of MOSFET etc
UVP (Under Voltage Protection)	Unusual output voltage of Q1403, Q1404 and IC1402.
OCP (Over Current Protection)	The overcurrent condition to MOSFET occurs by defect of MOSFET or defect of SP output line or output is short-circuit.
DC Detection	DC appears in SP terminal by defect of AMP IC and MOSFET.
Unusual output of Power mount	The power mount has unusual output.

1-2. If speaker does not have output even if the set status is not in PROTECT mode

The following defect might be possible.

Defects	Possible cause
	Reset signal status from micon is not 'H'.

2. Defect of power supply circuit to AMP 2-1. If the PROTECT mode is "POWER SUPPLY",

There is possibility of unusual power supply of any of the AMP IC or Pre-amplier.

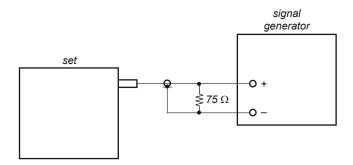
• To release from this mode.

Press [PLAY/PAUSE] button and [STOP] button simultaneously again or unplug and re-plug in the power cord.

SECTION 4 ELECTRICAL CHECK

TUNER SECTION 0 dB = 1 μ V

FM AUTO STOP CHECK



Procedure:

1. Turn the power on.

2. Input the following signal from Signal Generator to FM antenna input directly.

Carrier frequency: A = 87.5 MHz, B = 98 MHz, C = 108 MHz

Deviation : 75 kHz Modulation : 1 kHz ANT input : 35 dBu (EMF)

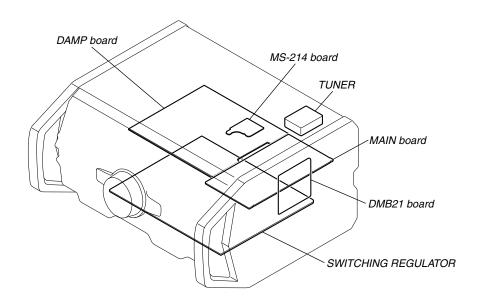
Note: Please use 75 ohm "coaxial cable" to connect SG and the set. You cannot use video cable for checking. Please use SG whose output impedance is 75 ohm.

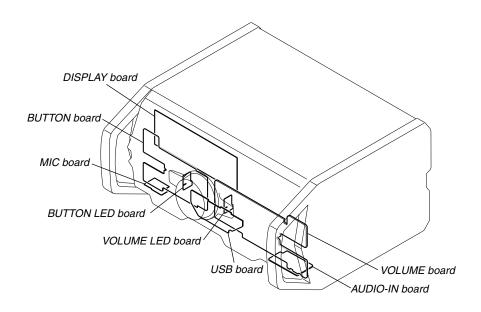
- 3. Set to FM tuner function and scan the input FM signal with automatic scanning.
- 4. Confirm that input Frequency of A, B and C detected and automatic scanning stops.

The stop of automatic scanning means "The station signal is received in good condition".

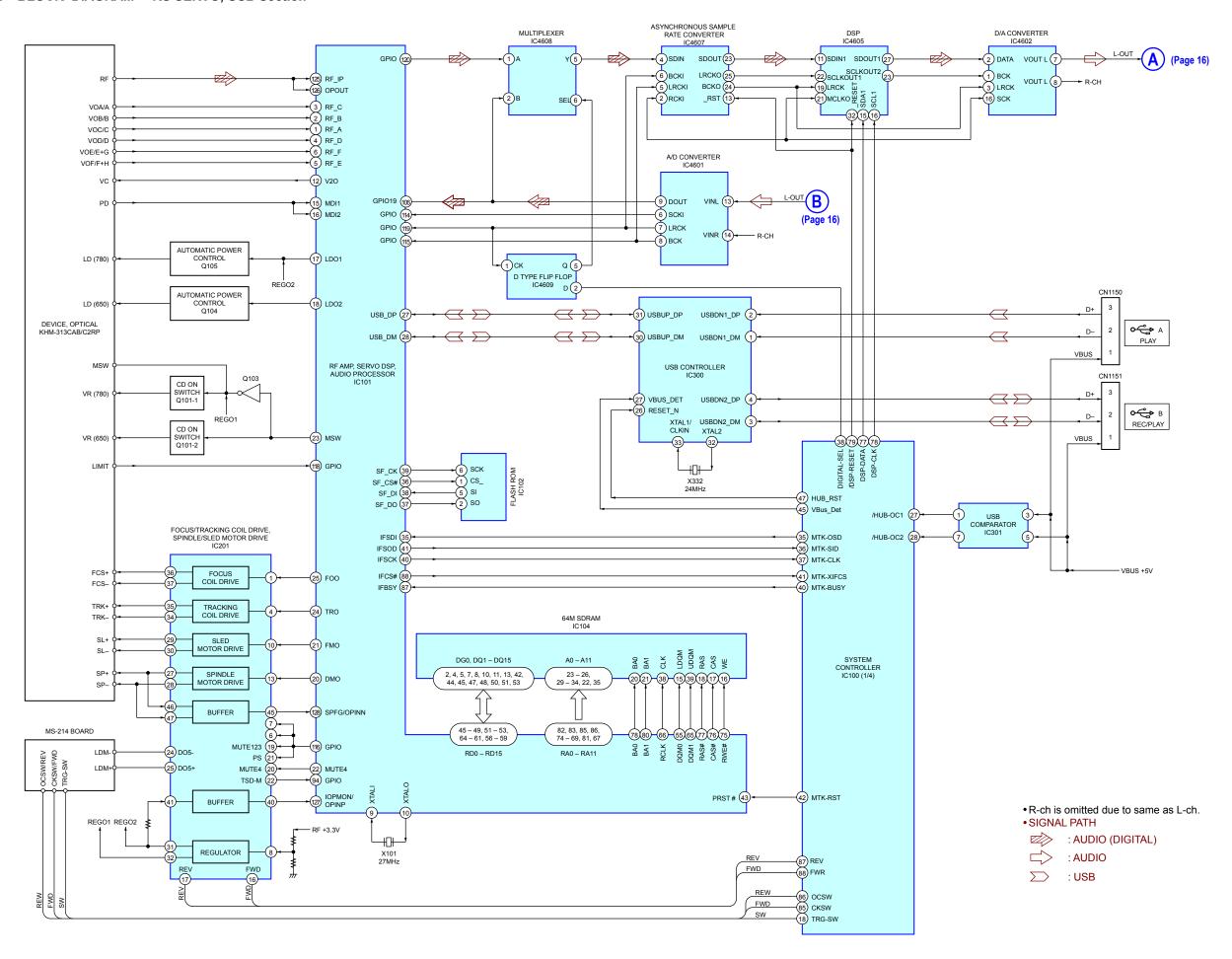
SECTION 5 DIAGRAMS

· Circuit Boards Location

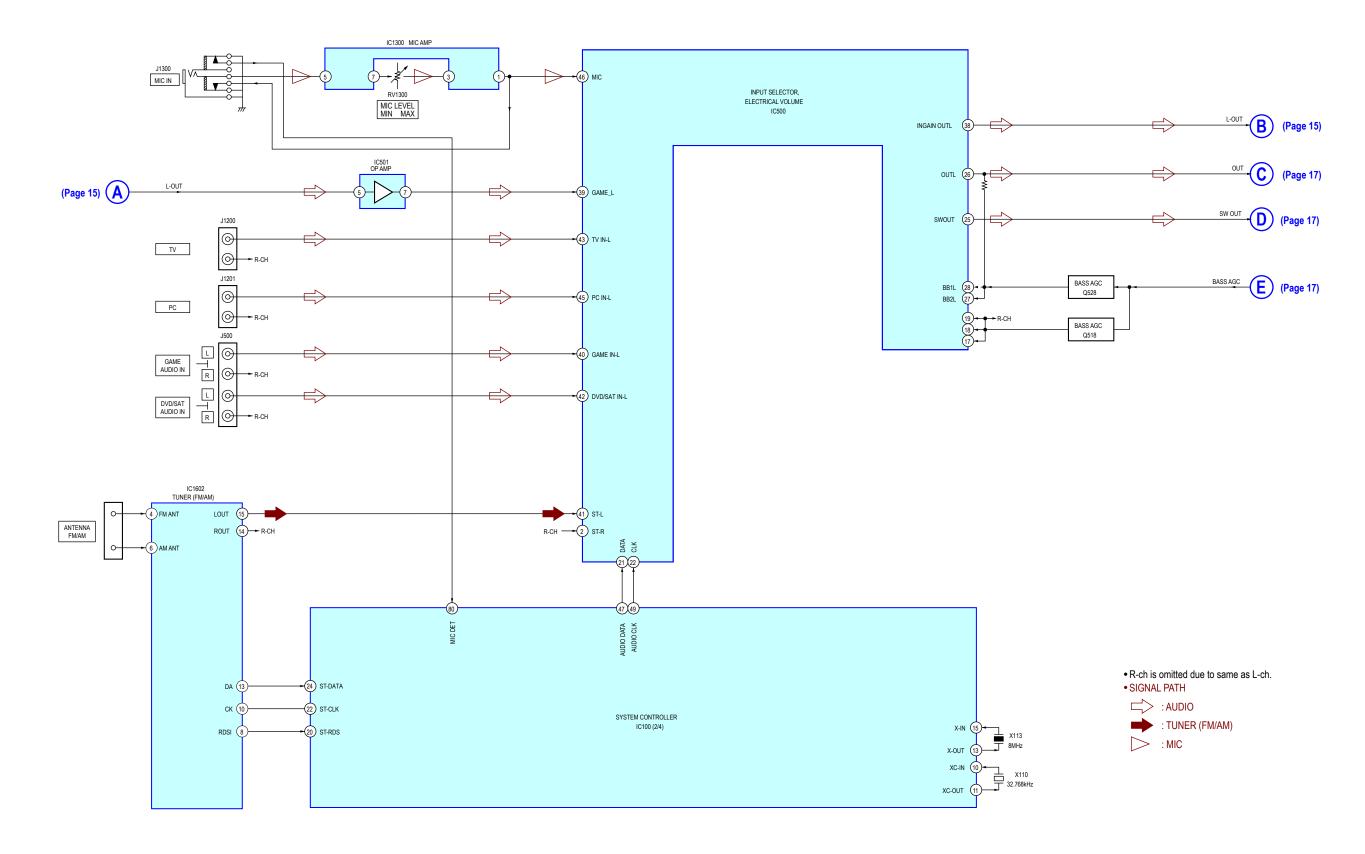




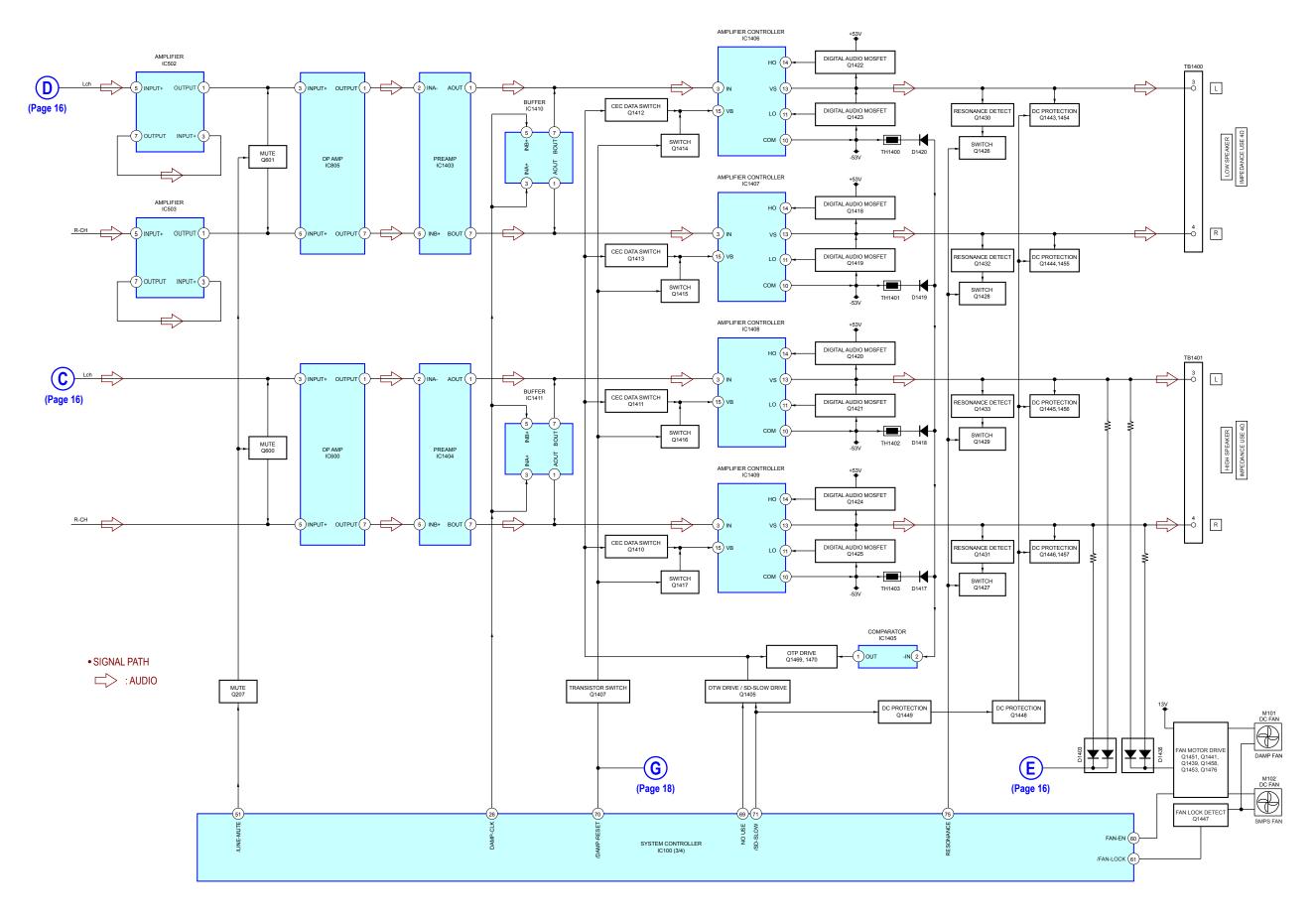
5-1. BLOCK DIAGRAM - RS SERVO, USB Section -



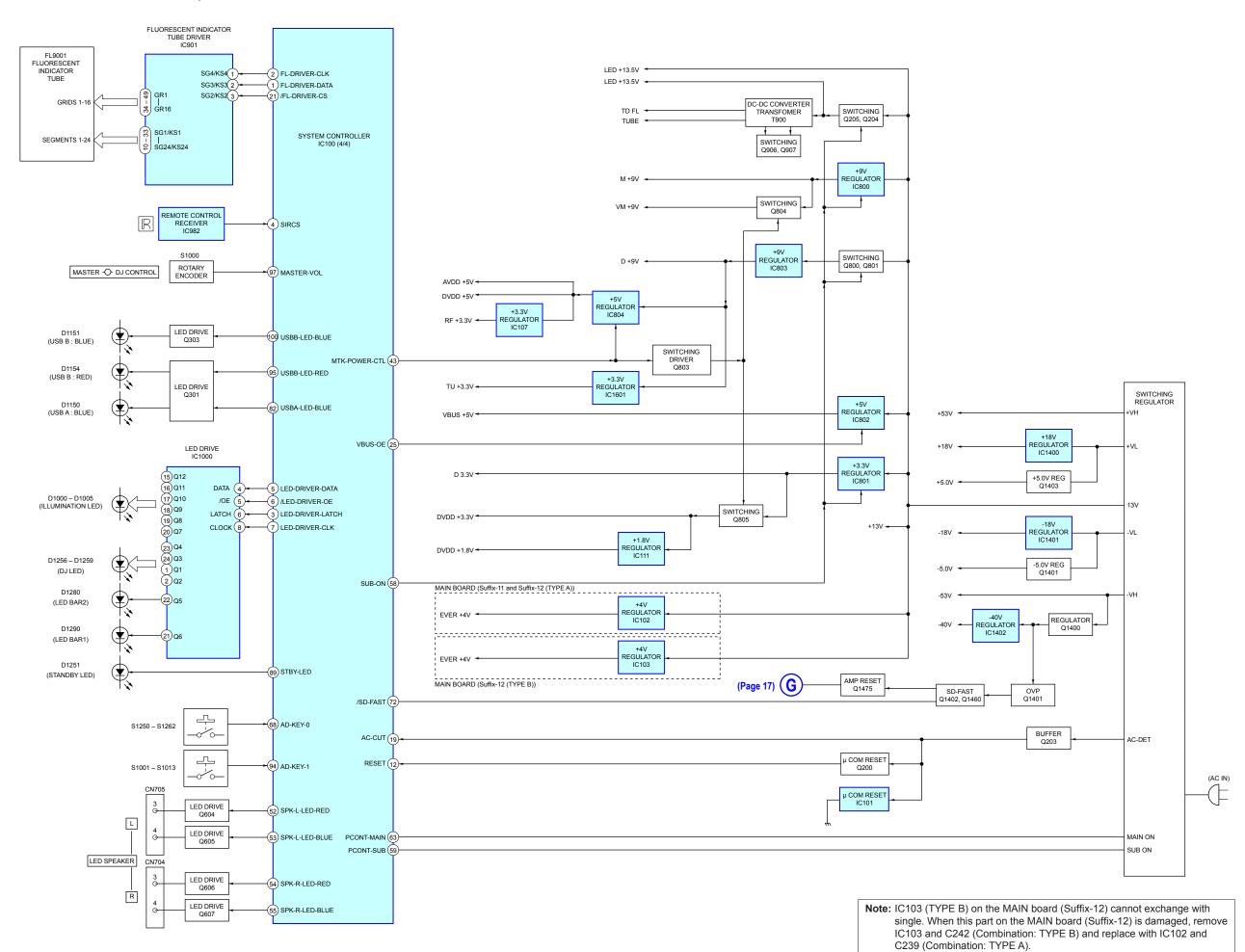
5-2. BLOCK DIAGRAM - MAIN Section -



5-3. BLOCK DIAGRAM - AMP Section -



5-4. BLOCK DIAGRAM - PANEL, POWER SUPPLY Section -



Note for Printed Wiring Boards and Schematic Diagrams

Note on Printed Wiring Board:

- • component side.
- _____ : parts extracted from the conductor side.
- Pattern from the side which enables seeing. (The other layer's patterns are not indicated.)

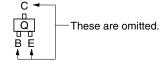
Caution:

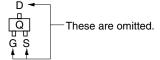
Parts face side: Parts on the parts face side seen from

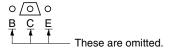
Pattern face side: Parts on the pattern face side seen from (Conductor Side) the pattern face are indicated.

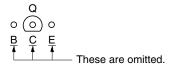
(Component Side) the parts face are indicated.

· Indication of transistor









Abbreviation

: 120 V AC area in E model : Chilean and Peruvian models

: Saudi Arabia model EΑ MX : Mexican model MY : Malaysia model : South African model

Note on Schematic Diagram:

- All capacitors are in µF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $^{1}\!/_{4}$ W or less unless otherwise specified.
- _____ : nonflammable resistor.
 - : panel designation.

Note: The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

- === : B+ Line.
- === : B- Line.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.

no mark : TUNER

- < > : CD PLAY
- * : Impossible to measure
- Voltages are taken with a VOM (Input impedance 10 $M\Omega$). Voltage variations may be noted due to normal production tolerances.
- · Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- · Circled numbers refer to waveforms.
- · Signal path.

ĎΩ : AUDIO : USB

: TUNER

: AUDIO (DIGITAL)

Abbreviation

: 120 V AC area in E model

: Chilean and Peruvian models E51

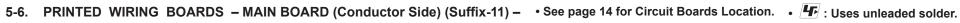
: Saudi Arabia model : Mexican model

MY : Malaysia model

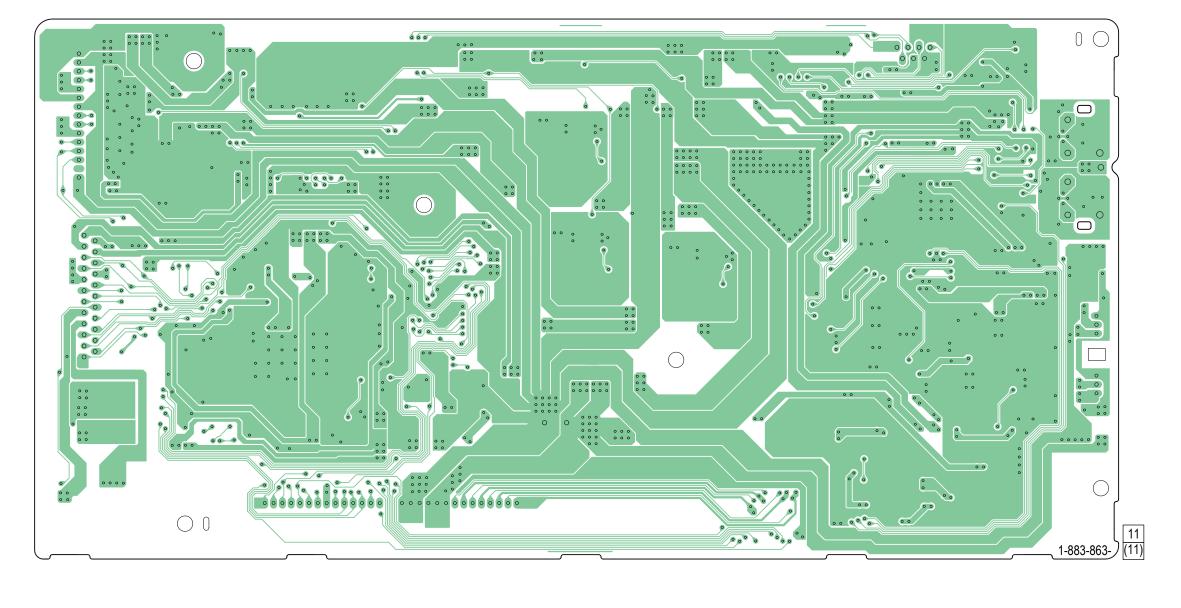
: South African model

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5-5. PRINTED WIRING BOARDS - MAIN BOARD (Component Side) (Suffix-11) - • See page 14 for Circuit Boards Location. • ** Uses unleaded solder. 15 10 11 12 13 14 [MAIN BOARD] (Component side) D BOARD CN109 (Page 32) (CHASSIS) (CHASSIS) GAME AUDIO L R DVD/SAT AUDIO L R P 0 0 1<u>-883-86</u>3-(CHASSIS) **Note:** Refer to the servicing notes "MAIN BOARD DISCRIMINATION" (page 5) for how to distinguish SUFFIX-11 and SUFFIX-12.



[MAIN BOARD] (Conductor side)



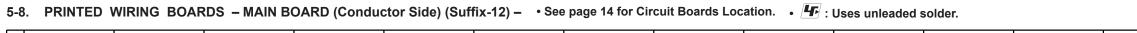
Note: Refer to the servicing notes "MAIN BOARD DISCRIMINATION" (page 5) for how to distinguish SUFFIX-11 and SUFFIX-12.

5-7. PRINTED WIRING BOARDS - MAIN BOARD (Component Side) (Suffix-12) - • See page 14 for Circuit Boards Location. • 45 : Uses unleaded solder. 15 10 11 12 13 14 [MAIN BOARD] (Component side) (CHASSIS) 0 0 1-883-863-(CHASSIS) Note 1: Refer to the servicing notes "MAIN BOARD Note 2: A part of circuit composition of MAIN board (Suffix-12) has been changed in the Note 3: IC103 and C242 (Combination: TYPE B) on the MAIN board (Suffix-12) cannot exchange DISCRIMINATION" (page 5) for how to distinguish SUFFIX-11 and SUFFIX-12. midway of production. MAIN board (Suffix-12) that has not been changed appears with single. When these parts on the MAIN board (Suffix-12) are damaged, remove IC103

22

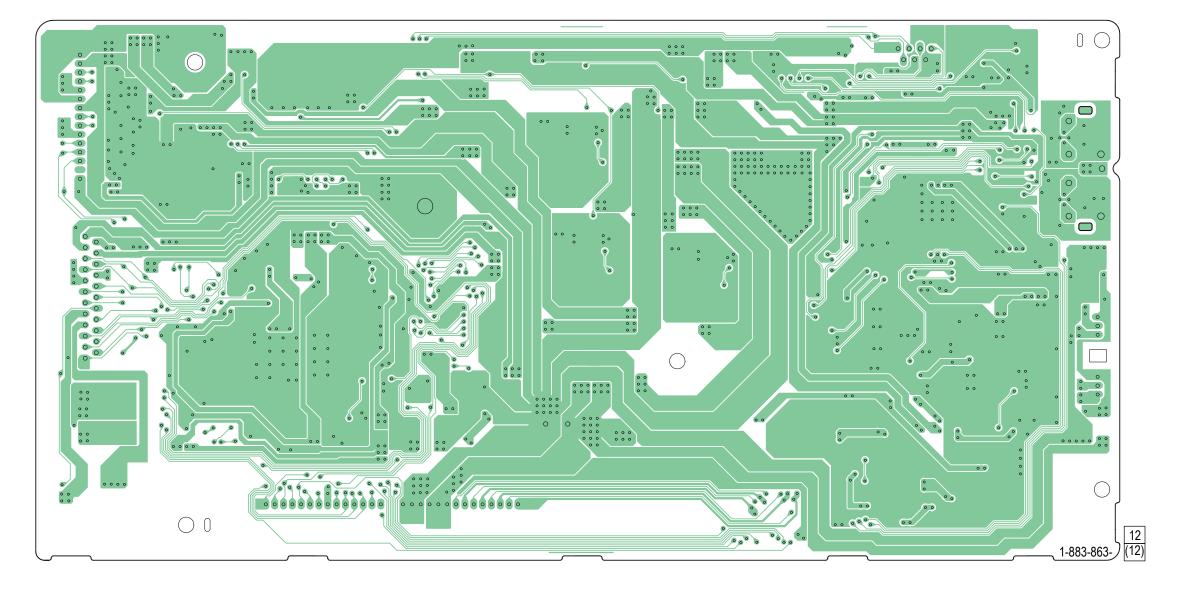
as TYPE A, and the changed MAIN board (Suffix-12) appears as TYPE B.

and C242 (Combination: TYPE B) and replace with IC102 and C239 (Combination: TYPE A).



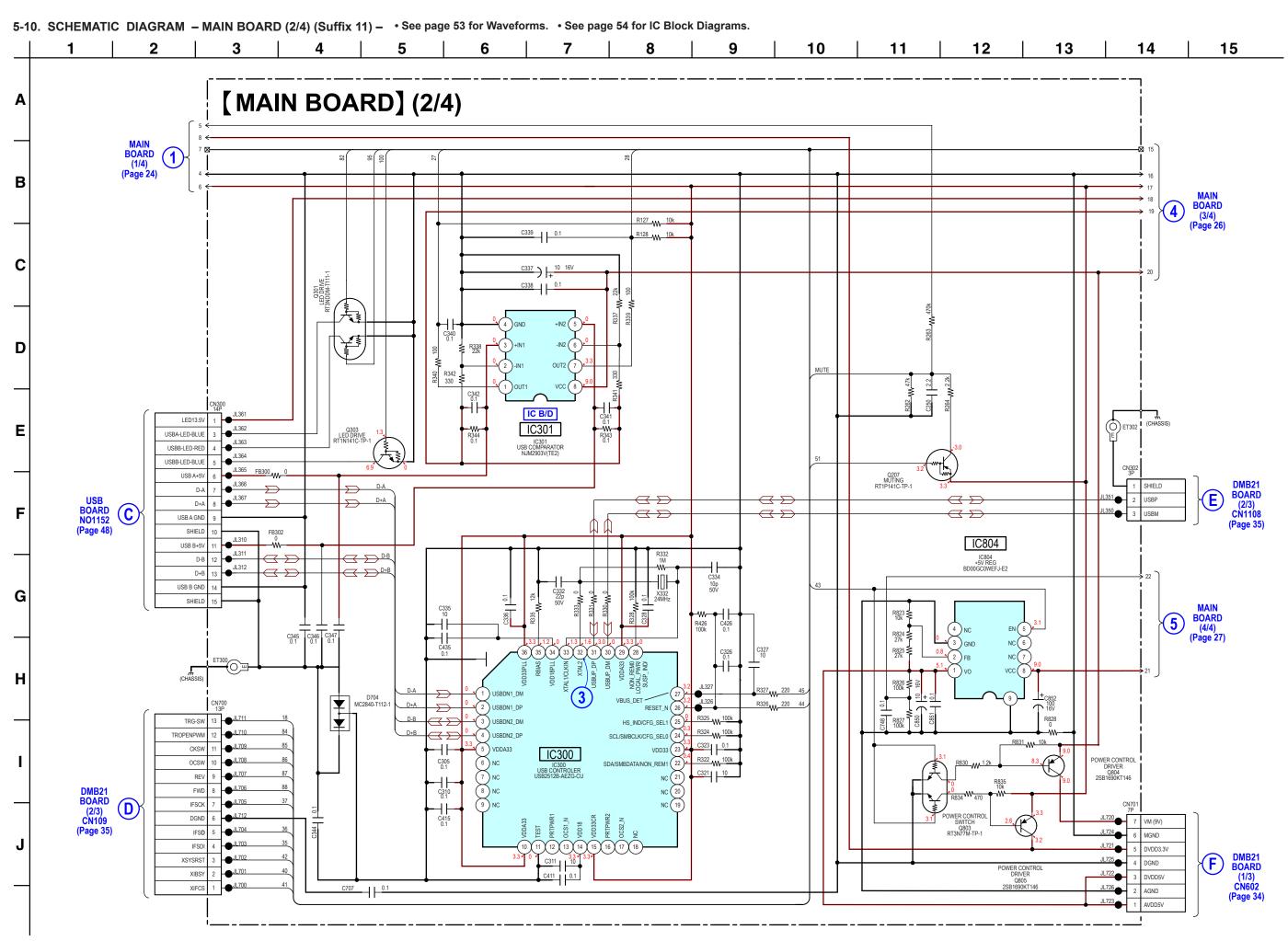
 1
 2
 3
 4
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 11
 12
 13
 14
 15

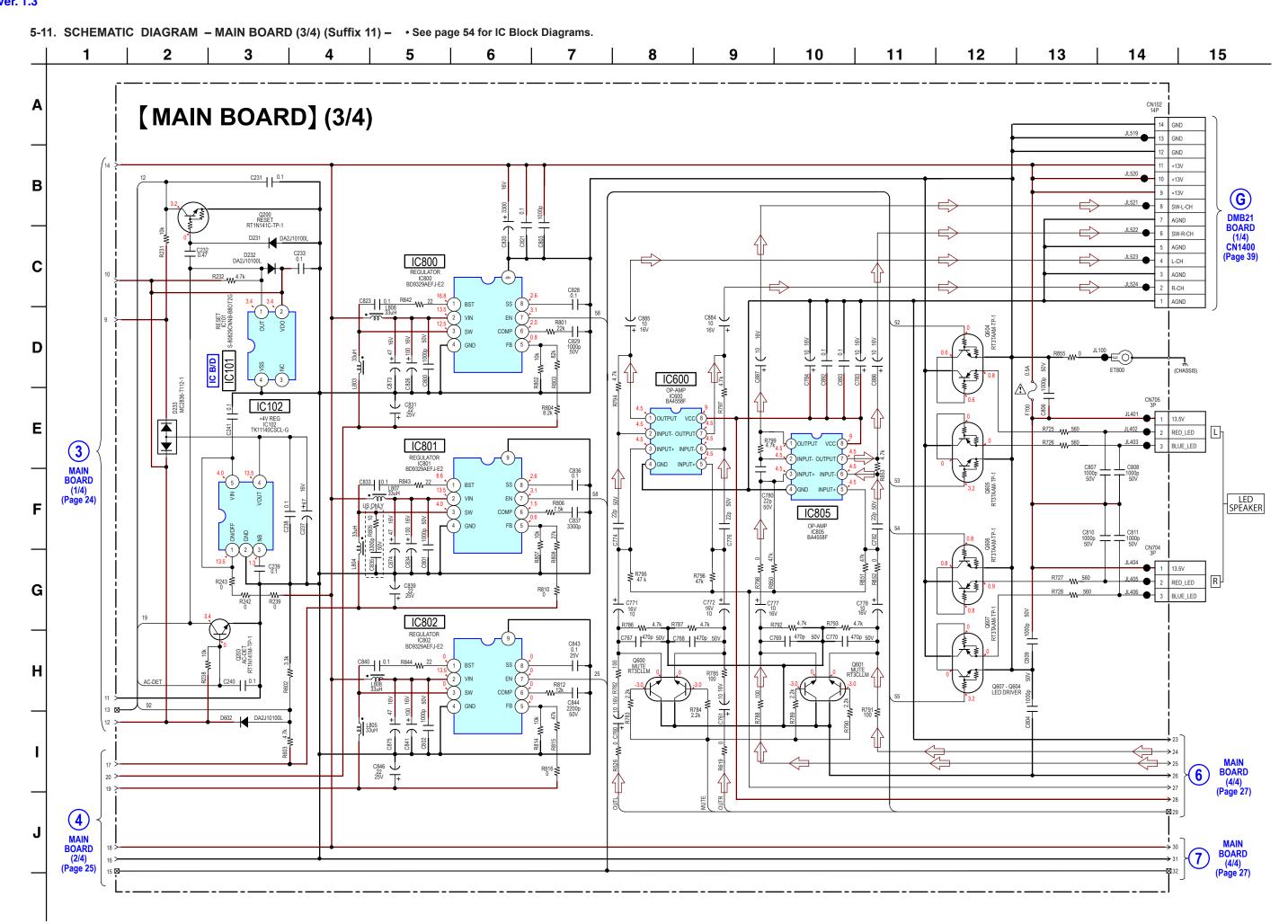
[MAIN BOARD] (Conductor side)

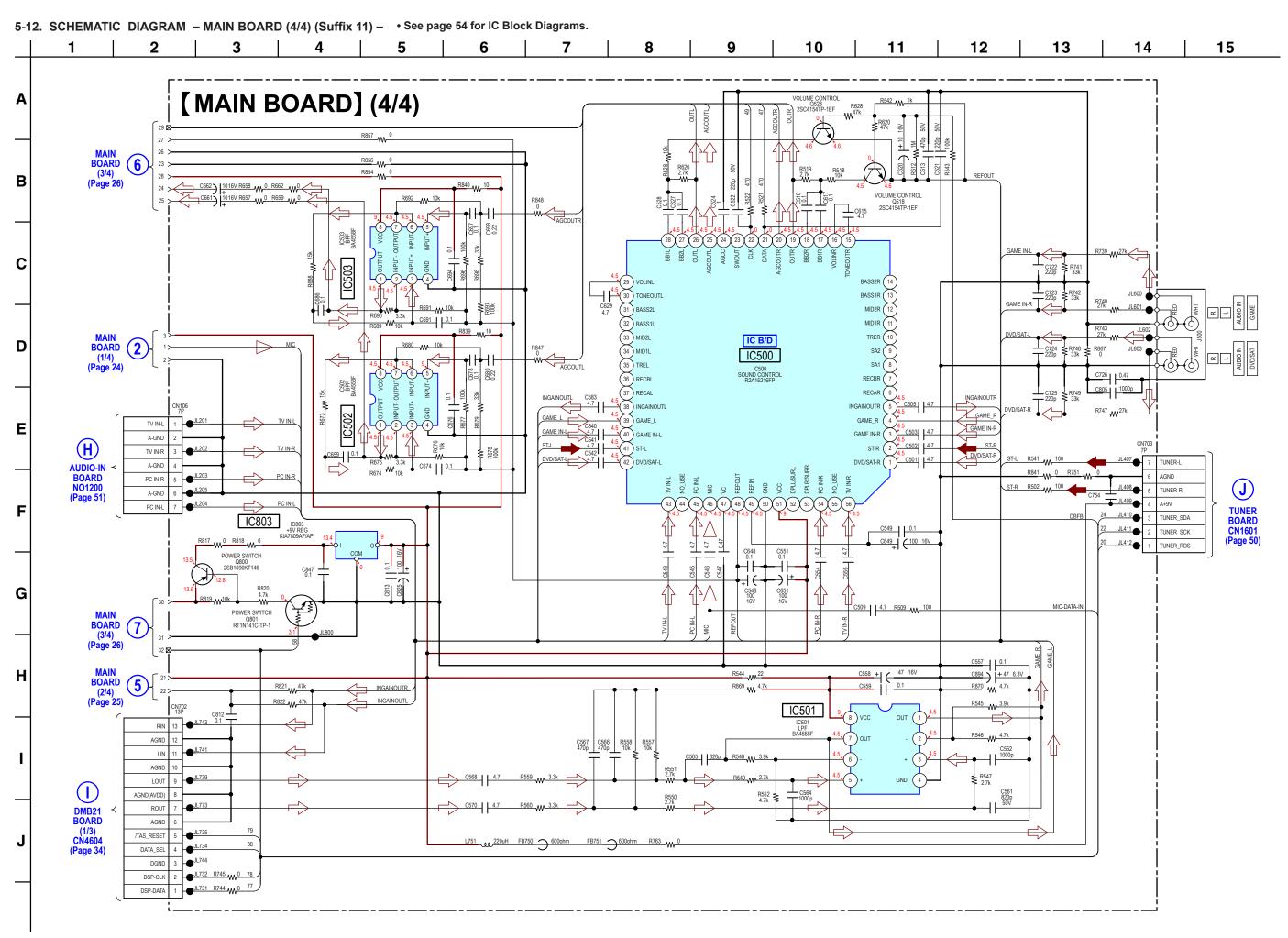


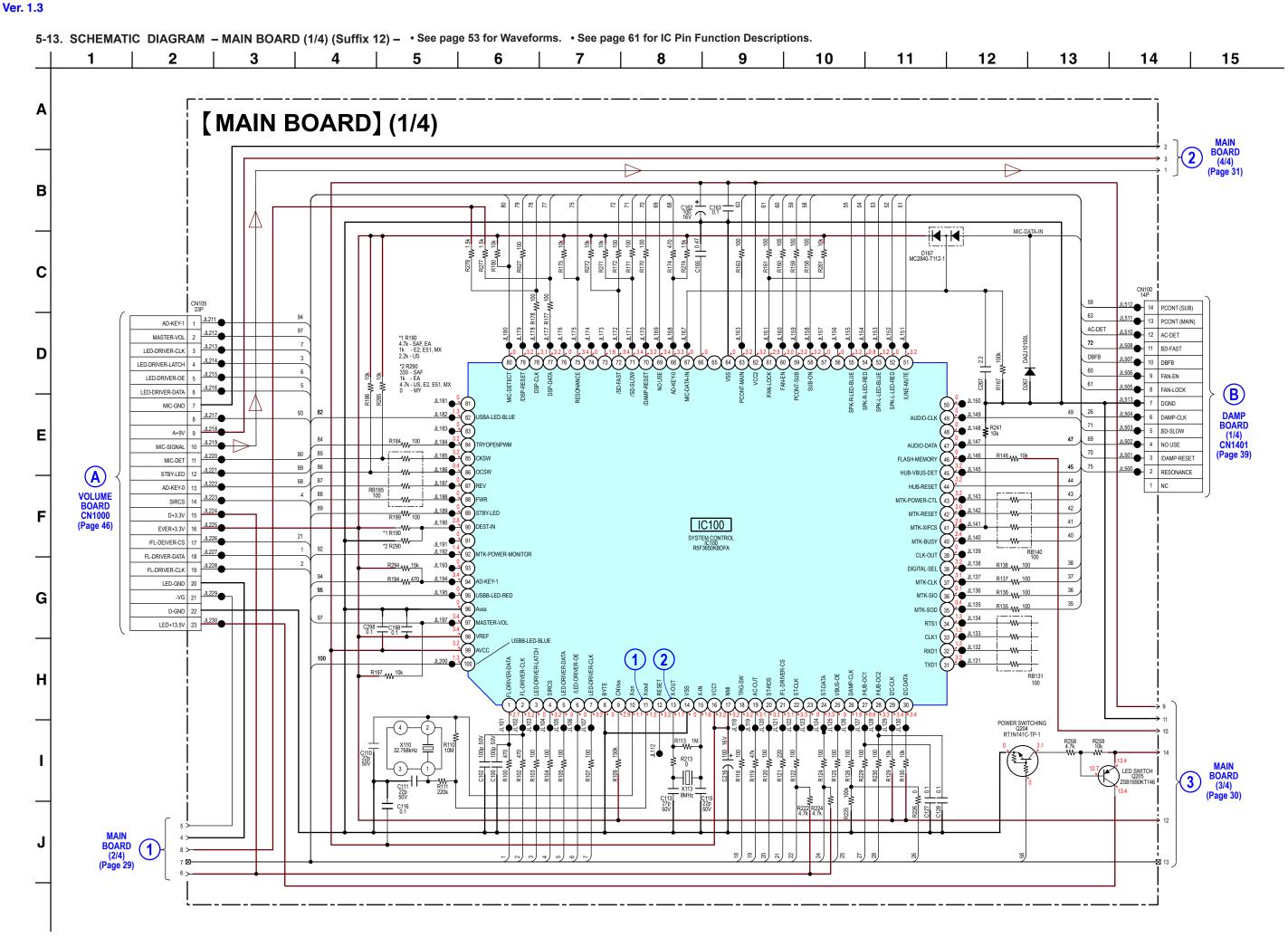
Note: Refer to the servicing notes "MAIN BOARD DISCRIMINATION" (page 5) for how to distinguish SUFFIX-11 and SUFFIX-12.

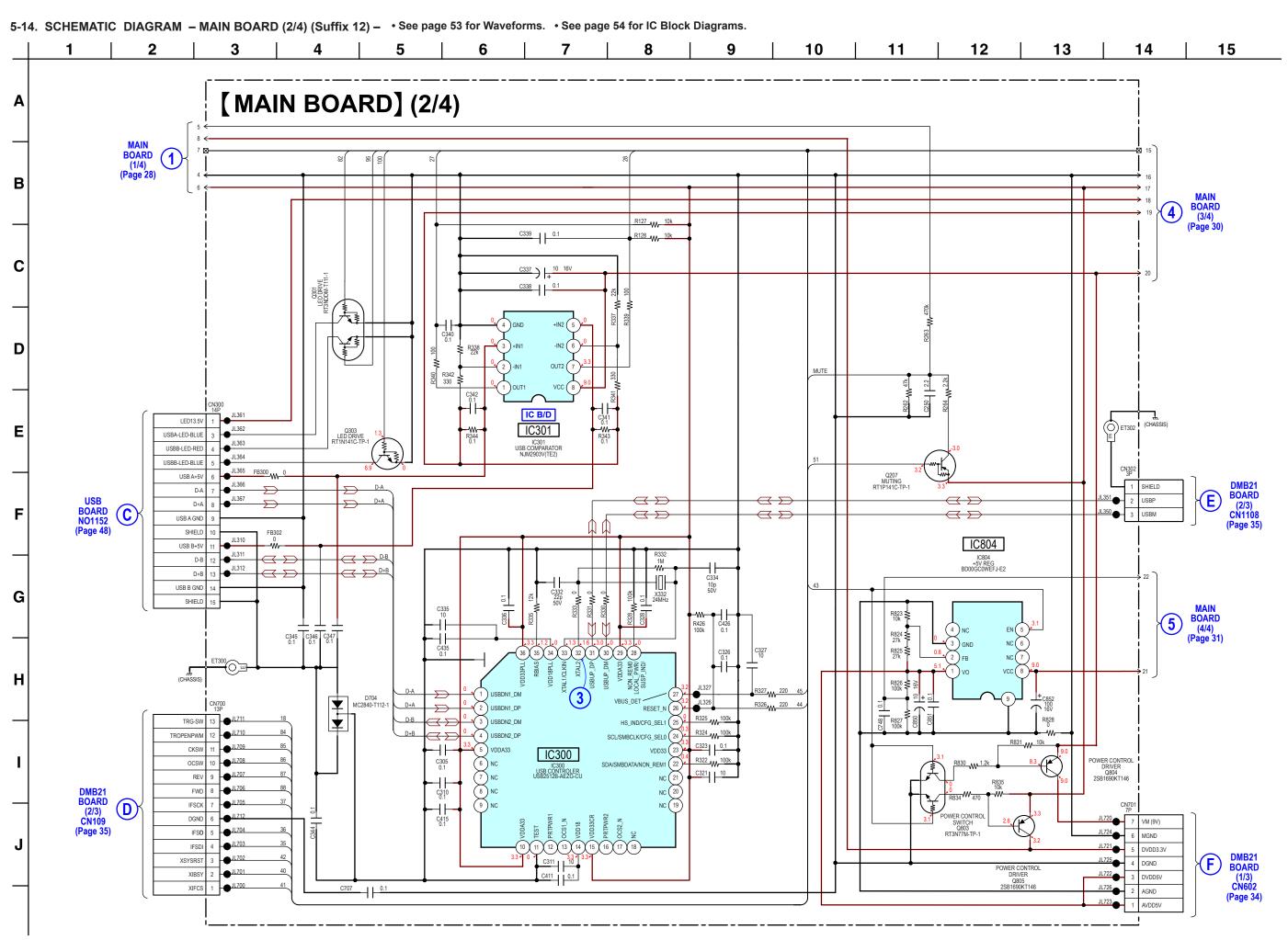
5-9. SCHEMATIC DIAGRAM - MAIN BOARD (1/4) (Suffix 11) - • See page 53 for Waveforms. • See page 61 for IC Pin Function Descriptions. 2 8 9 10 11 12 13 14 15 6 [MAIN BOARD] (1/4) 2 MIC-DATA-IN 14 PCONT (SUB) AD-KEY-1 1 JL211 *1 R190 4.7k - SAF, EA 1k - E2, E51, MX 2.2k - US AC-DET MASTER-VOL 2 LED-DRIVER-CLK 3 *2 R290 330 - SAF 1k - EA 4.7k - US, E2, E51, MX 0 - MY FAN-LOCK **(B)** LED-DRIVER-DATA DAMP BOARD (1/4) CN1401 (Page 39) DAMP-CLK JL148 € R241 &D-SLOW AUDIO-DATA (47) NO USE MIC-SIGNAL FLASH-MEMORY (46) JL146 3 /DAMP-RESET MIC-DET 2 RESONANCE (A)STBY-LED 1 NC AD-KEY-0 13 VOLUME BOARD CN1000 (Page 46) SIRCS 14 JL223 D+3.3V EVER+3.3V JL193 FL-DRIVER-CLK LED-GND 20 -VG D-GND 2 LED+13.5V 23 R197 _____10k POWER SWITCHING Q204 RT1N141C-TP-1 3 MAIN BOARD (2/4) (Page 25)

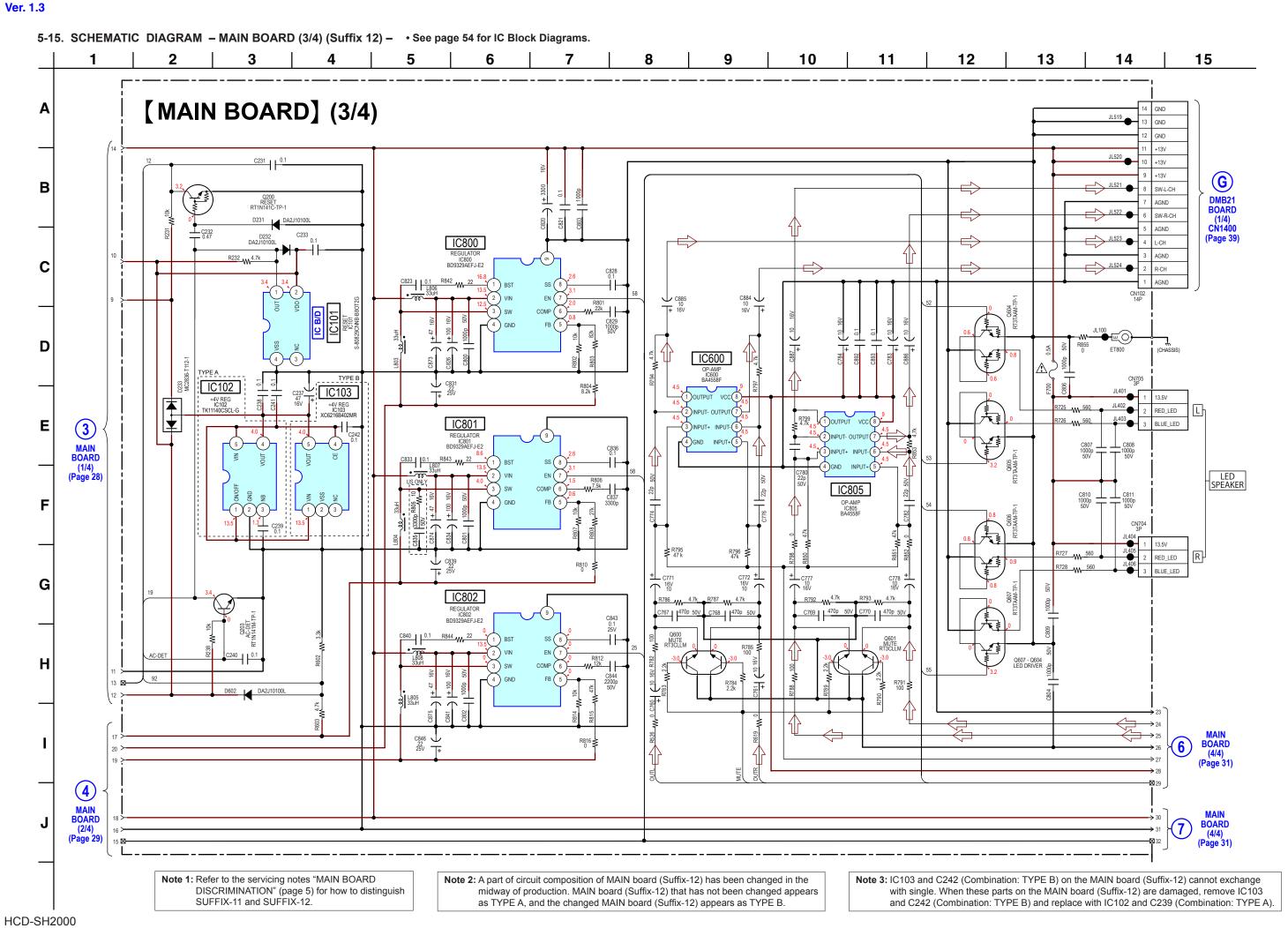


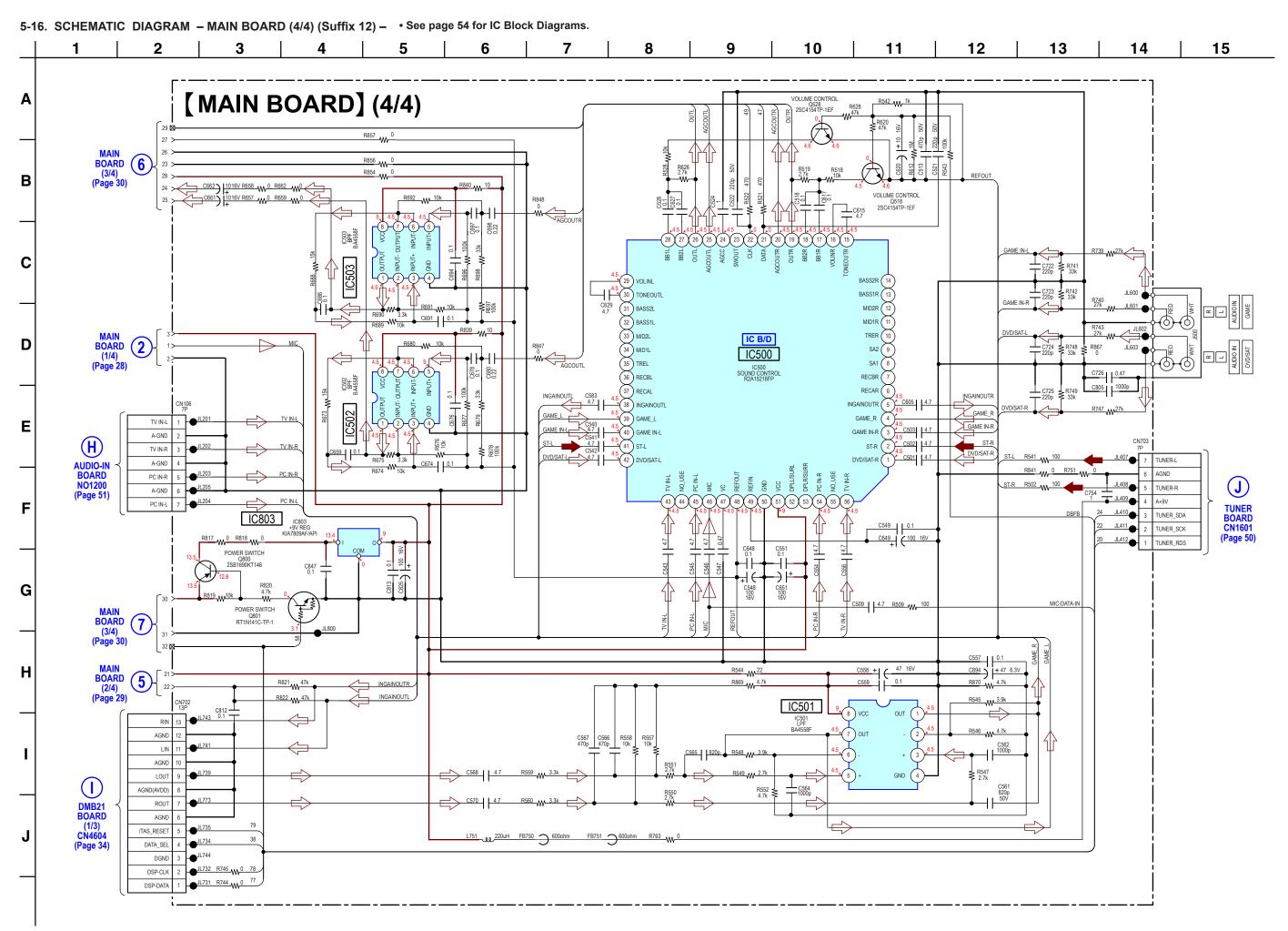








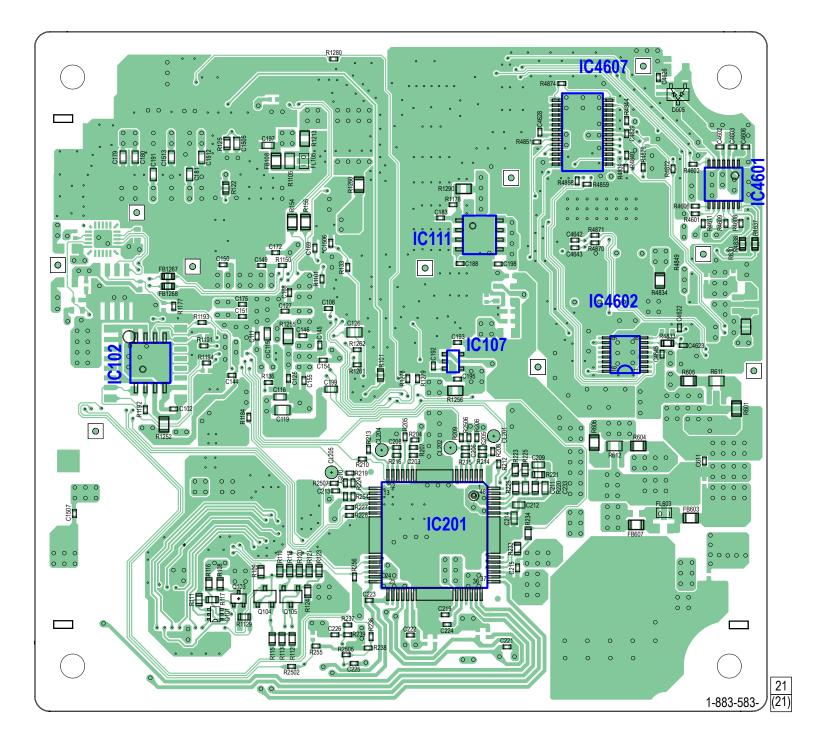




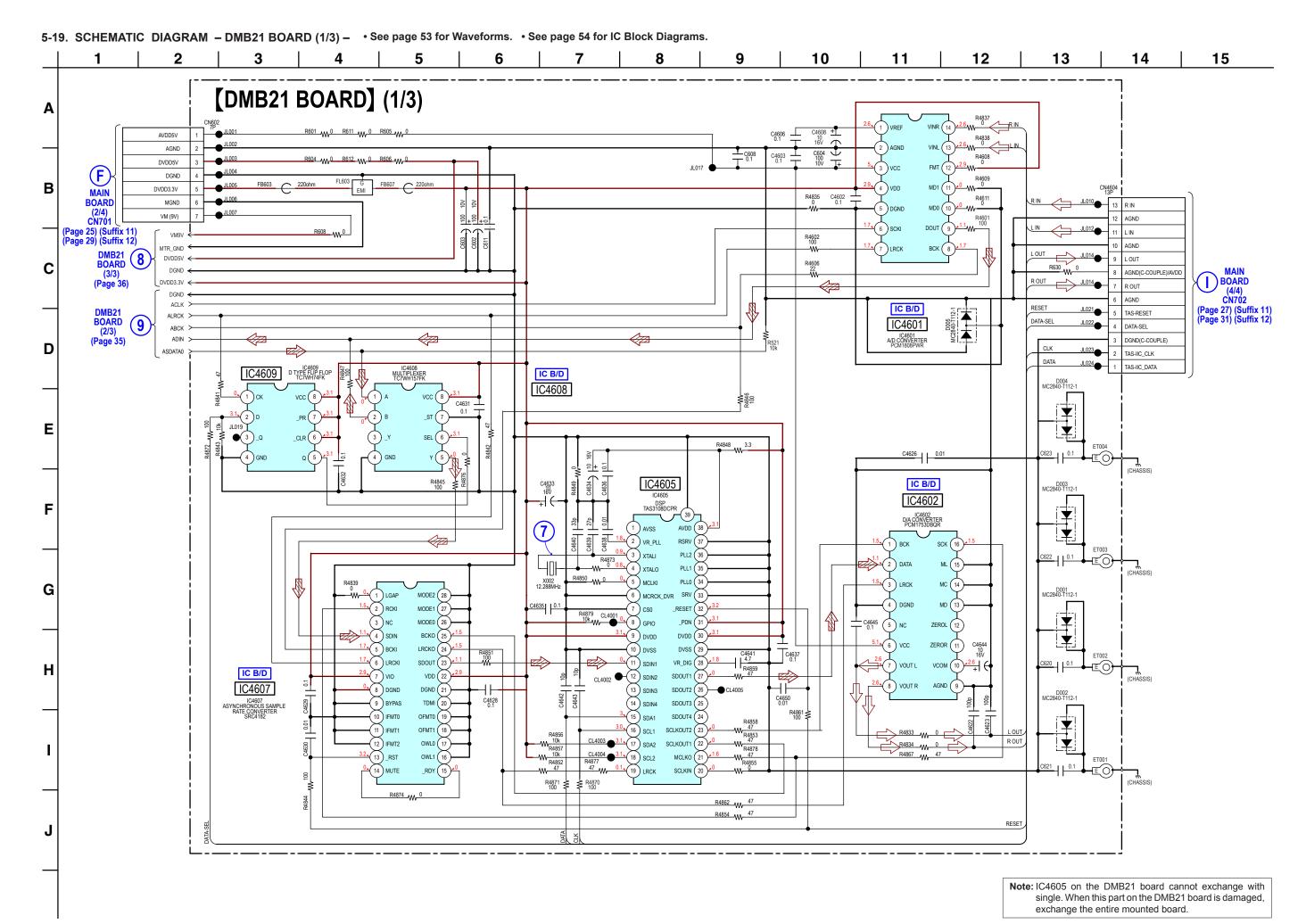
5-17. PRINTED WIRING BOARDS - DMB21 BOARD (Component Side) - • See page 14 for Circuit Boards Location. • 45 : Uses unleaded solder. 15 8 10 11 12 13 14 [DMB21 BOARD] (Component side) (CHASSIS) (CHASSIS) MAIN BOARD CN702 (Page 20) (Suffix 11) (Page 22) (Suffix 12) MAIN BOARD CN700 (Page 20) (Suffix 11) (Page 22) (Suffix 12) (D) ىل (CHASSIS) (CHASSIS) 1-883-583-DEVICE, OPTICAL KHM-313CAB/C2RPA DEVICE, OPTICAL KHM-313CAB/C2RP Note 1: IC4605 on the DMB21 board cannot exchange with Note 2: When the MS-214 board is defective, single. When this part on the DMB21 board is damaged, exchange the entire mounted board. exchange the entire MD (AU) ASSY.

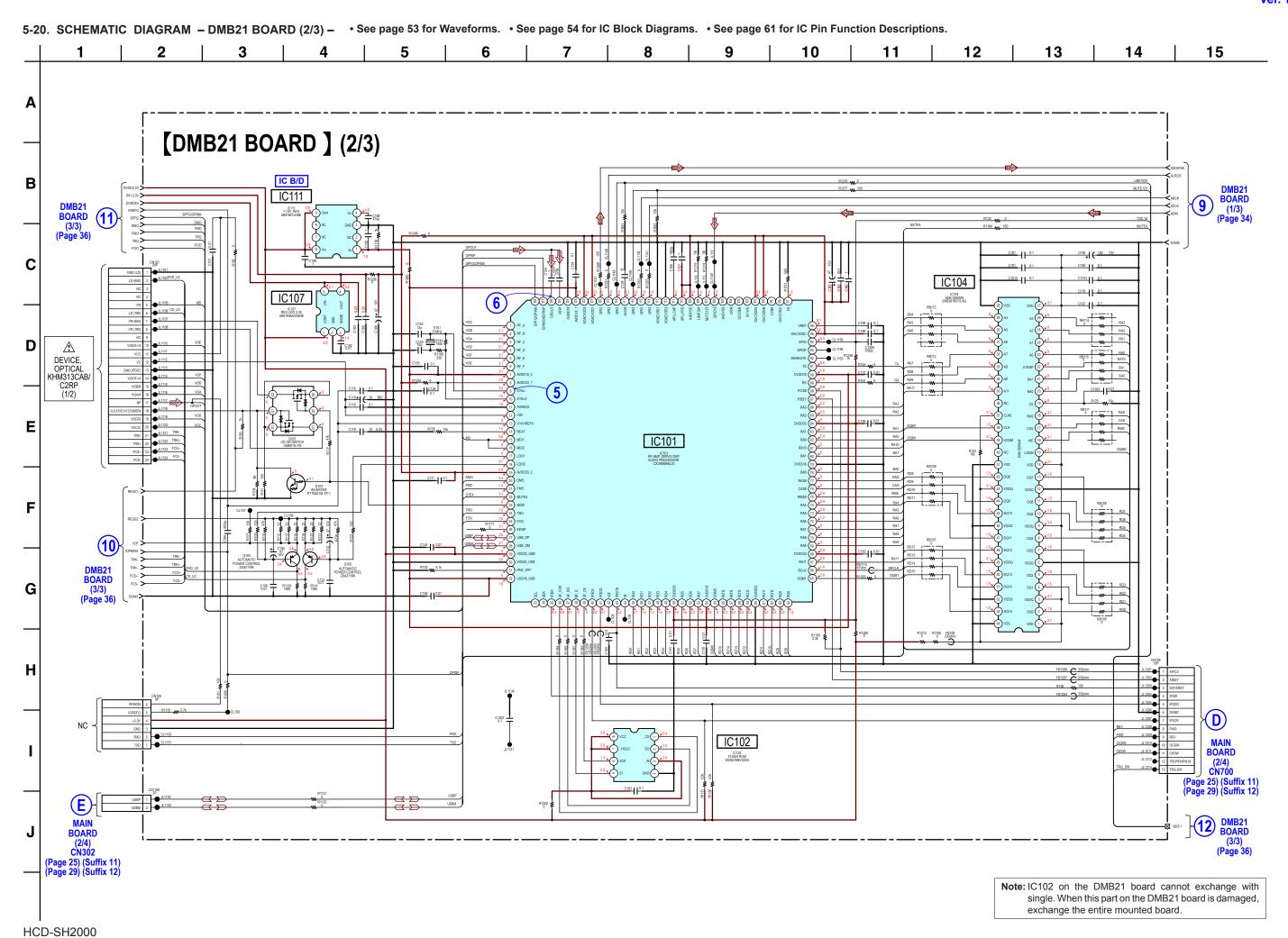
12 15 14 11 13

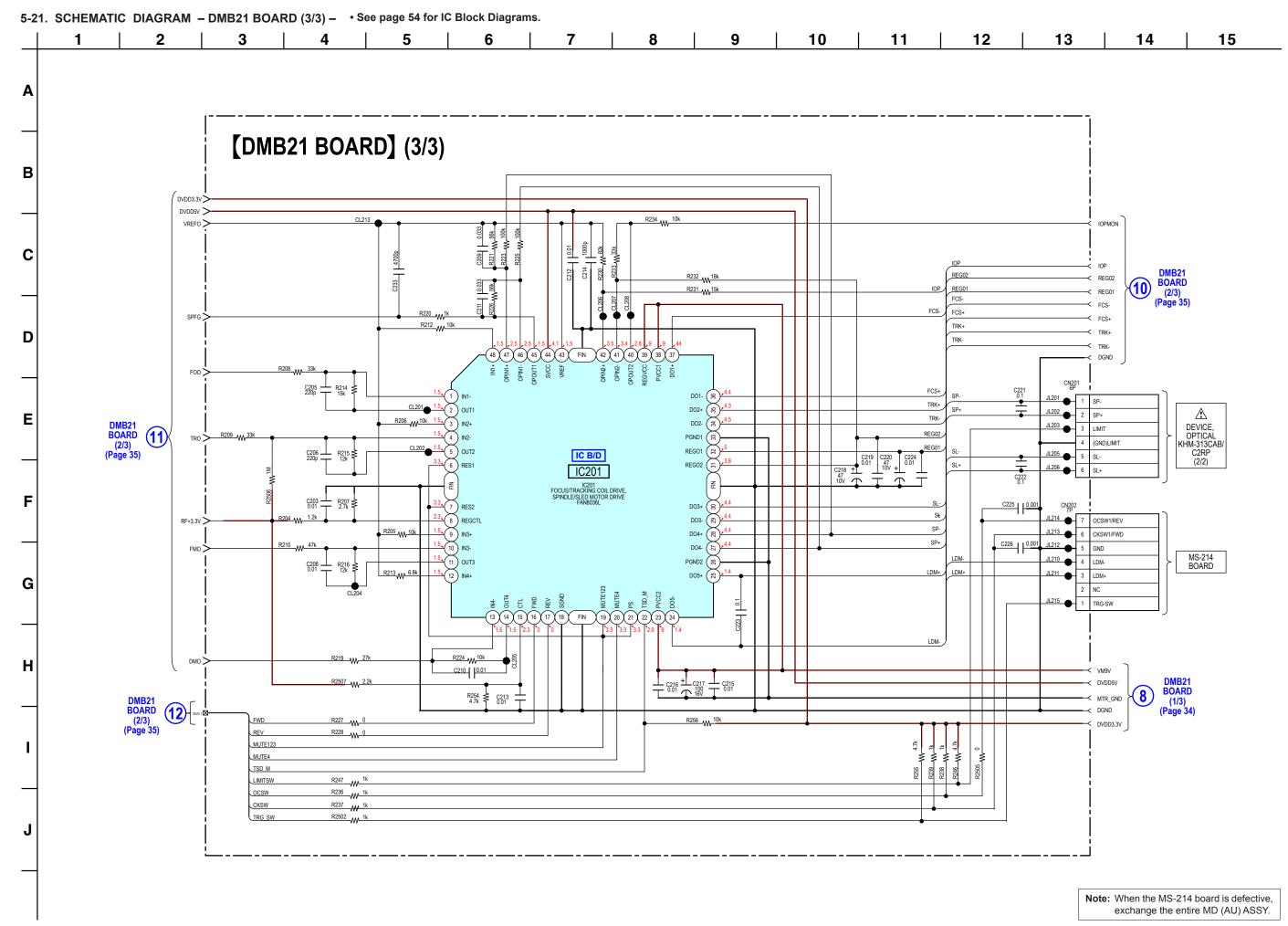
[DMB21 BOARD] (Conductor side)



Note: IC102 on the DMB21 board cannot exchange with single. When this part on the DMB21 board is damaged, exchange the entire mounted board.

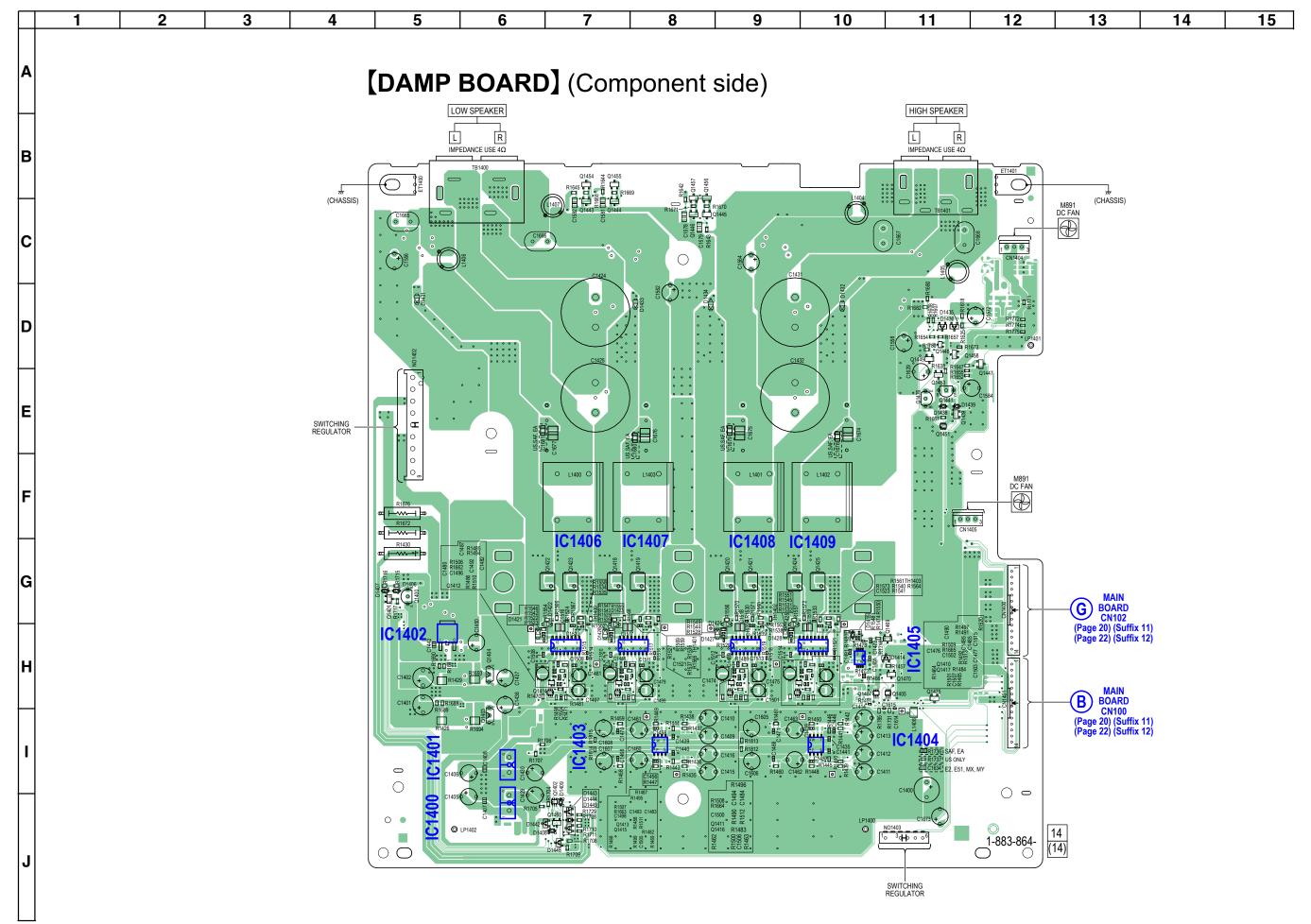


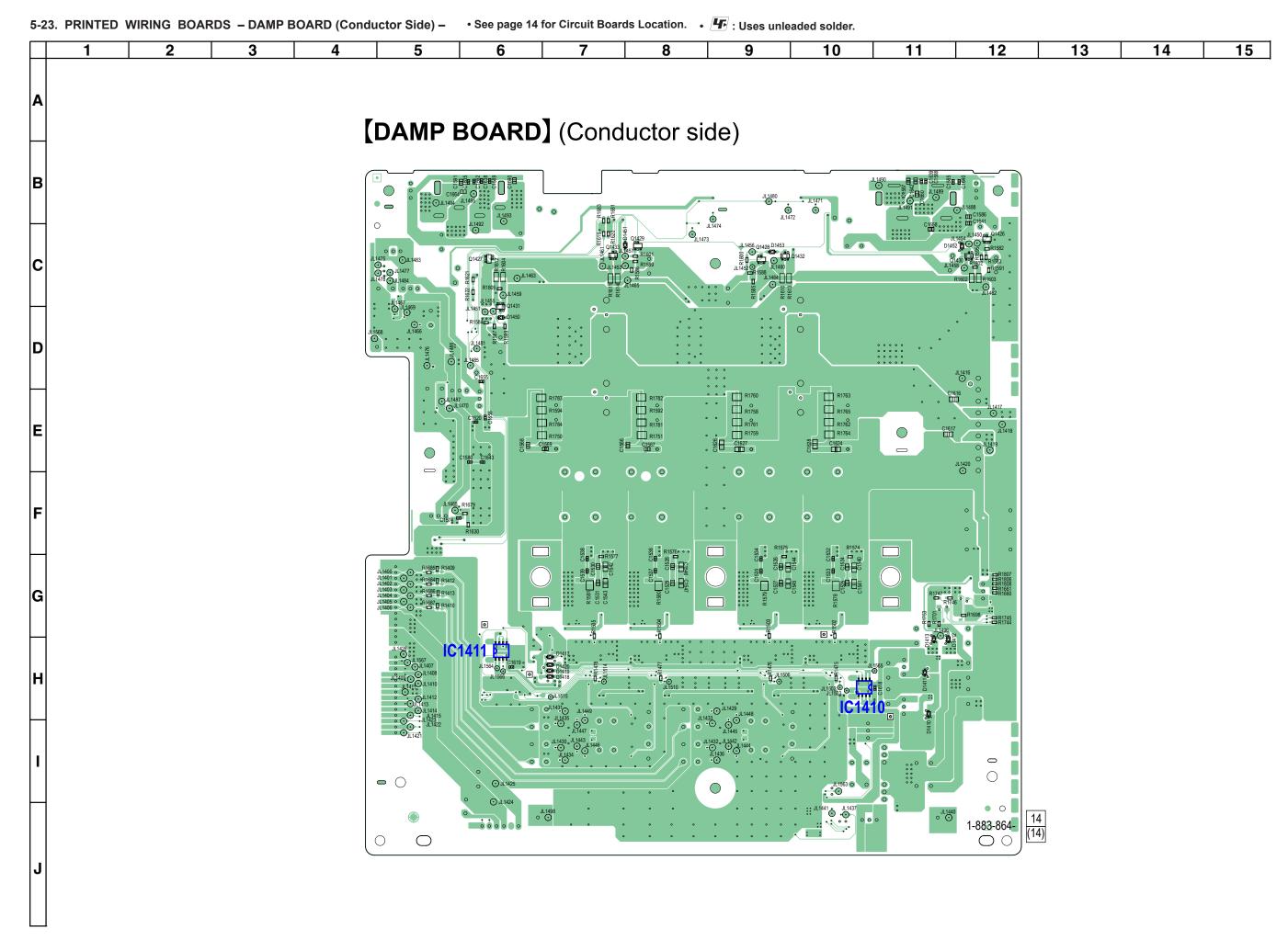


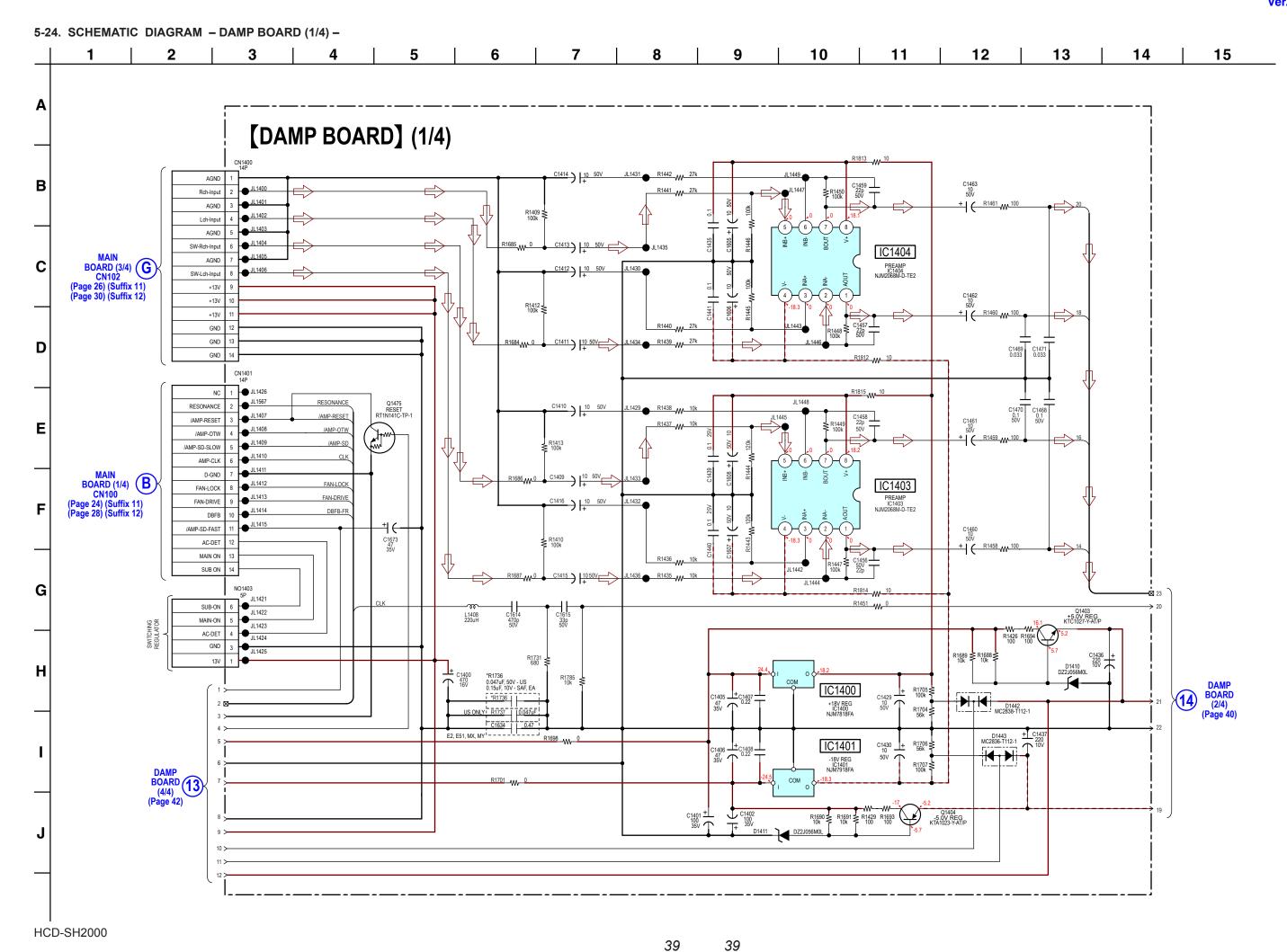


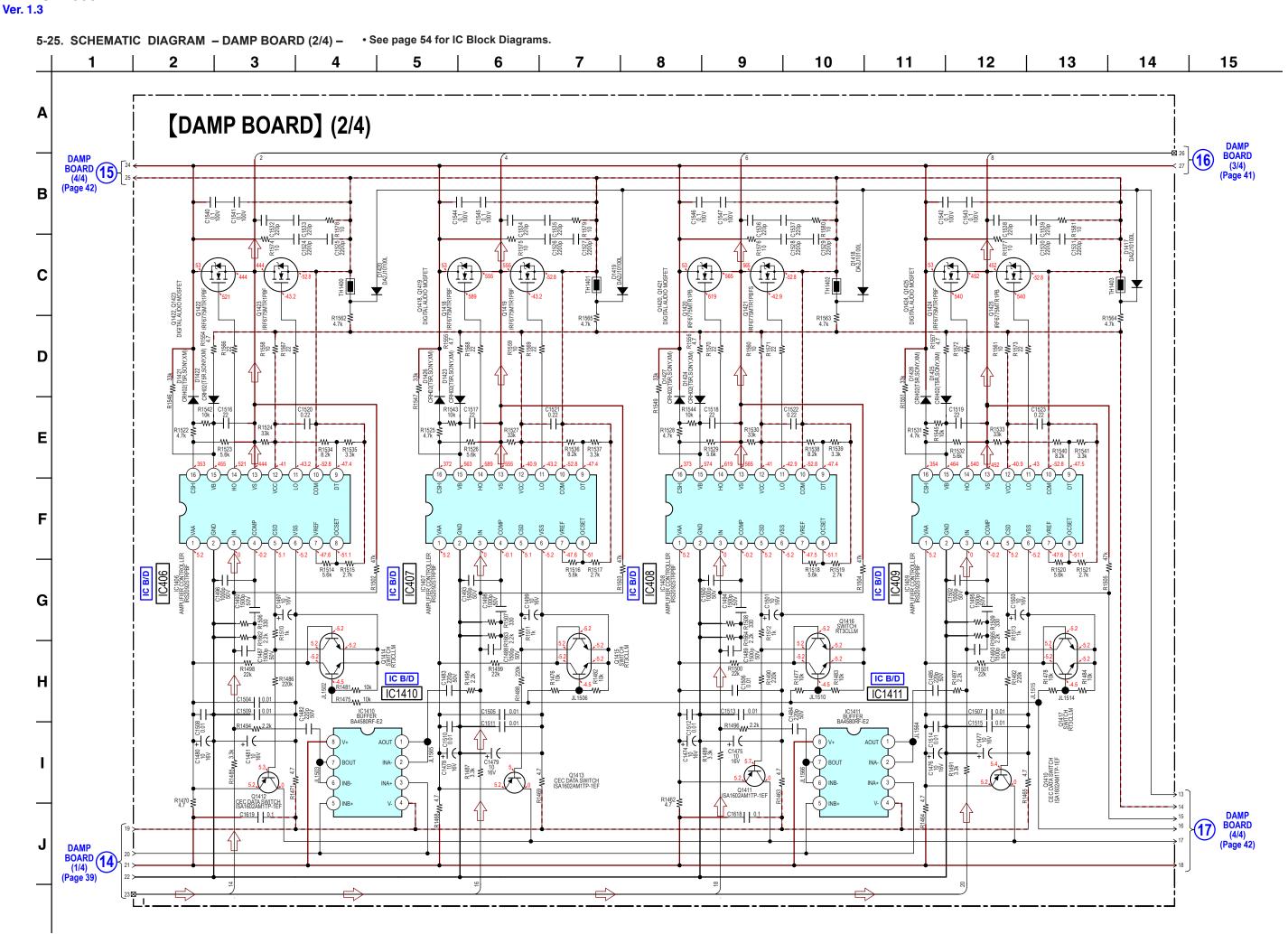
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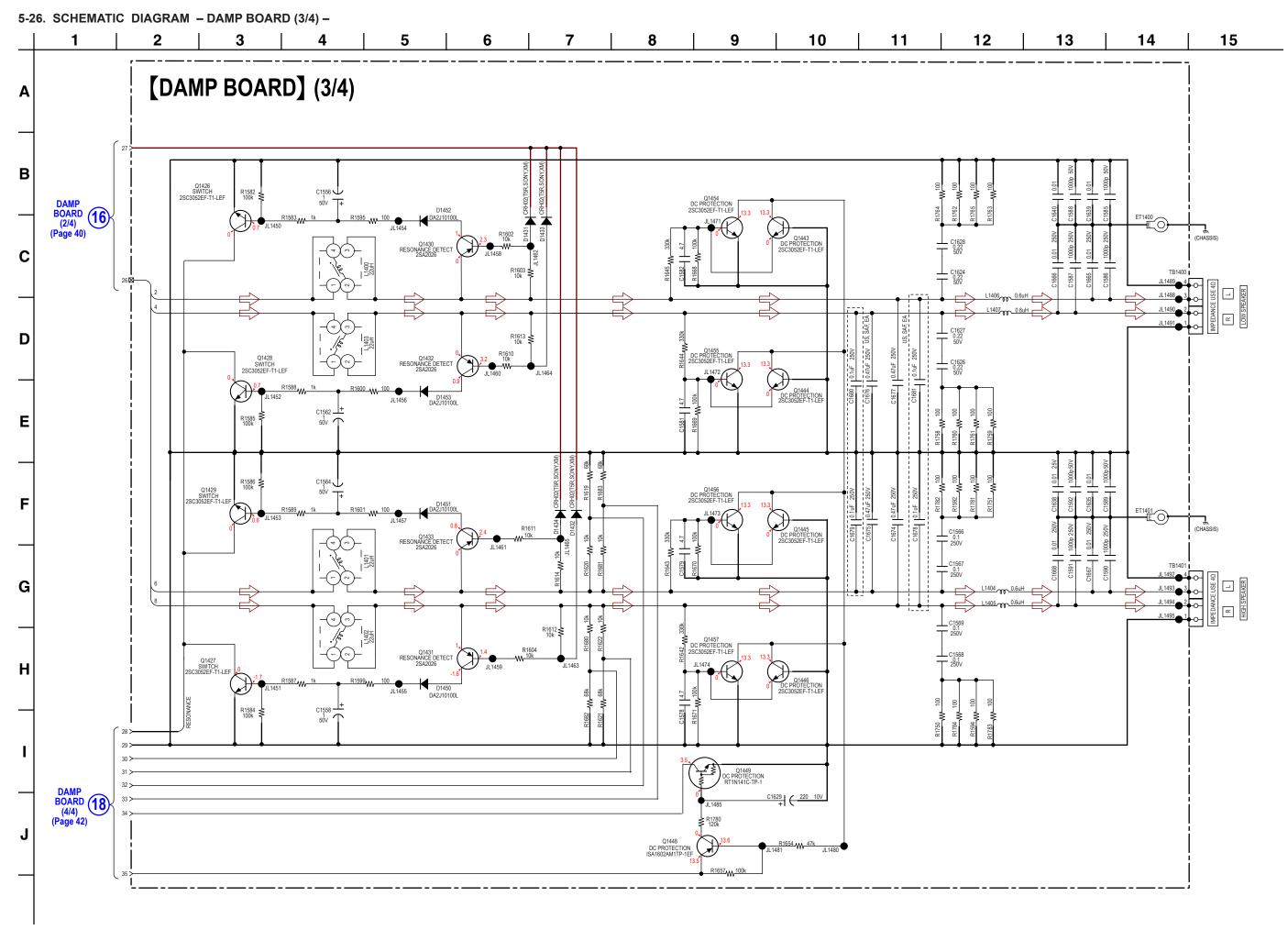
5-22. PRINTED WIRING BOARDS - DAMP BOARD (Component Side) - • See page 14 for Circuit Boards Location. • * Uses unleaded solder.

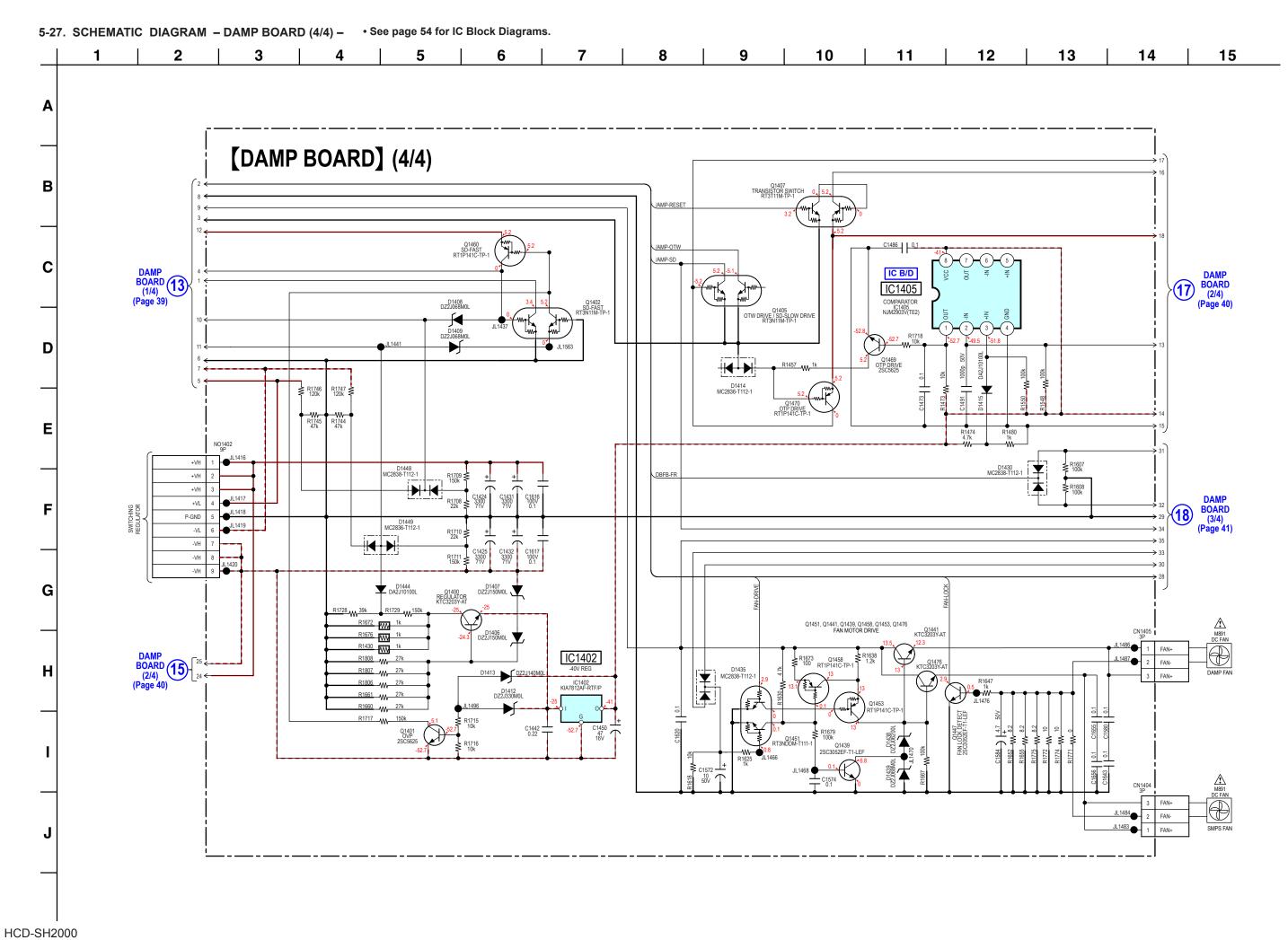






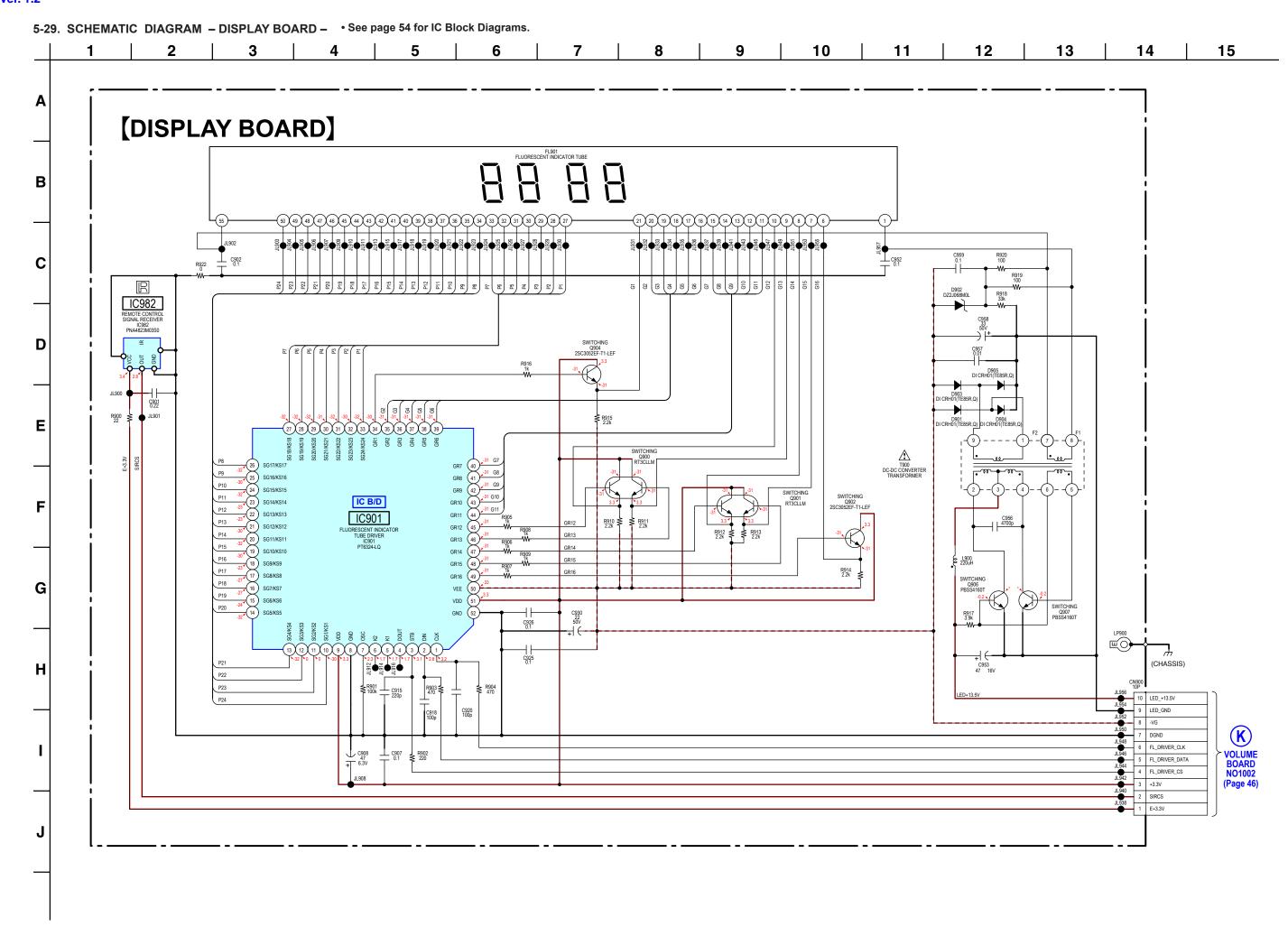






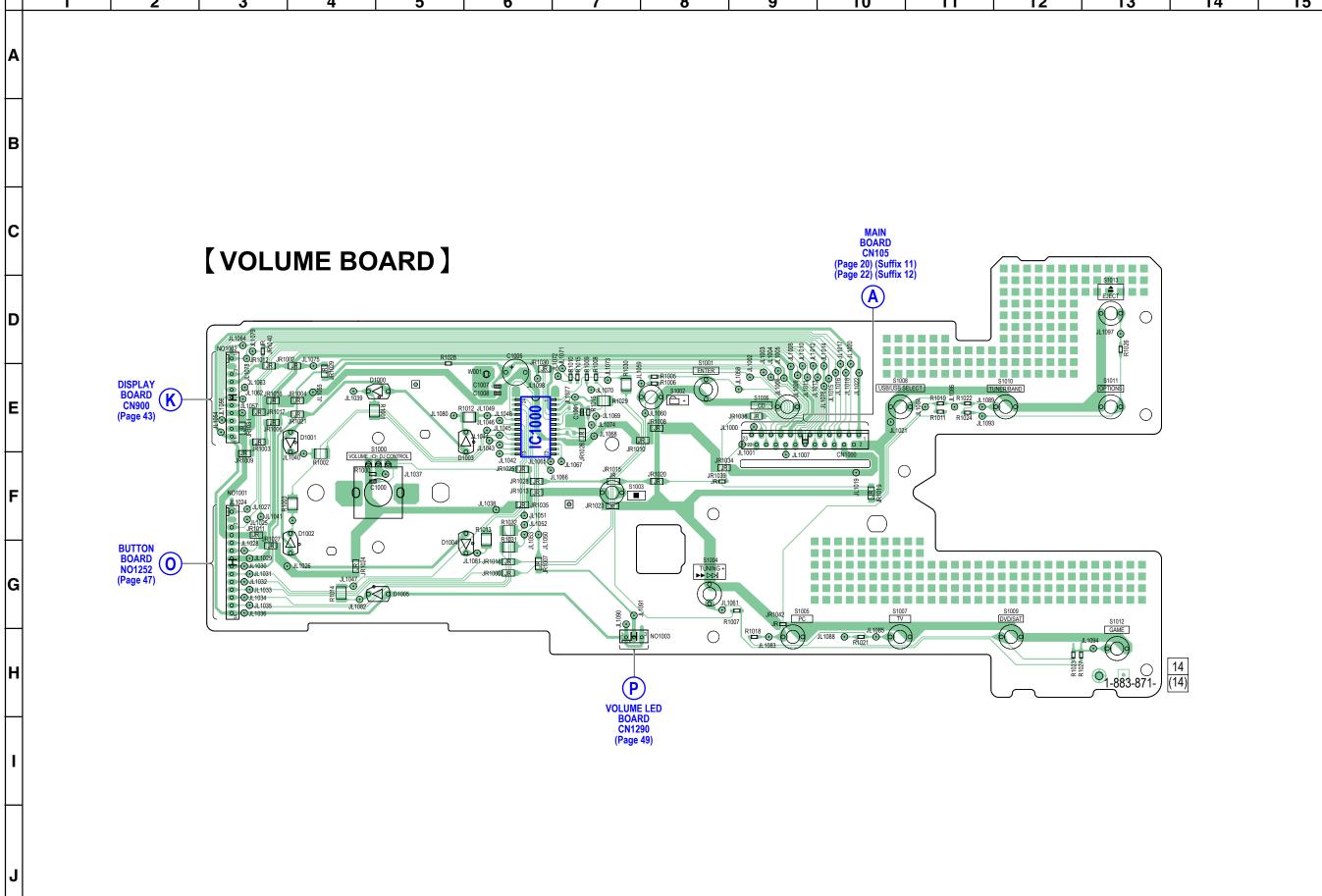
5-28. PRINTED WIRING BOARDS - DISPLAY BOARD - • See page 14 for Circuit Boards Location. • 🗗 : Uses unleaded solder.

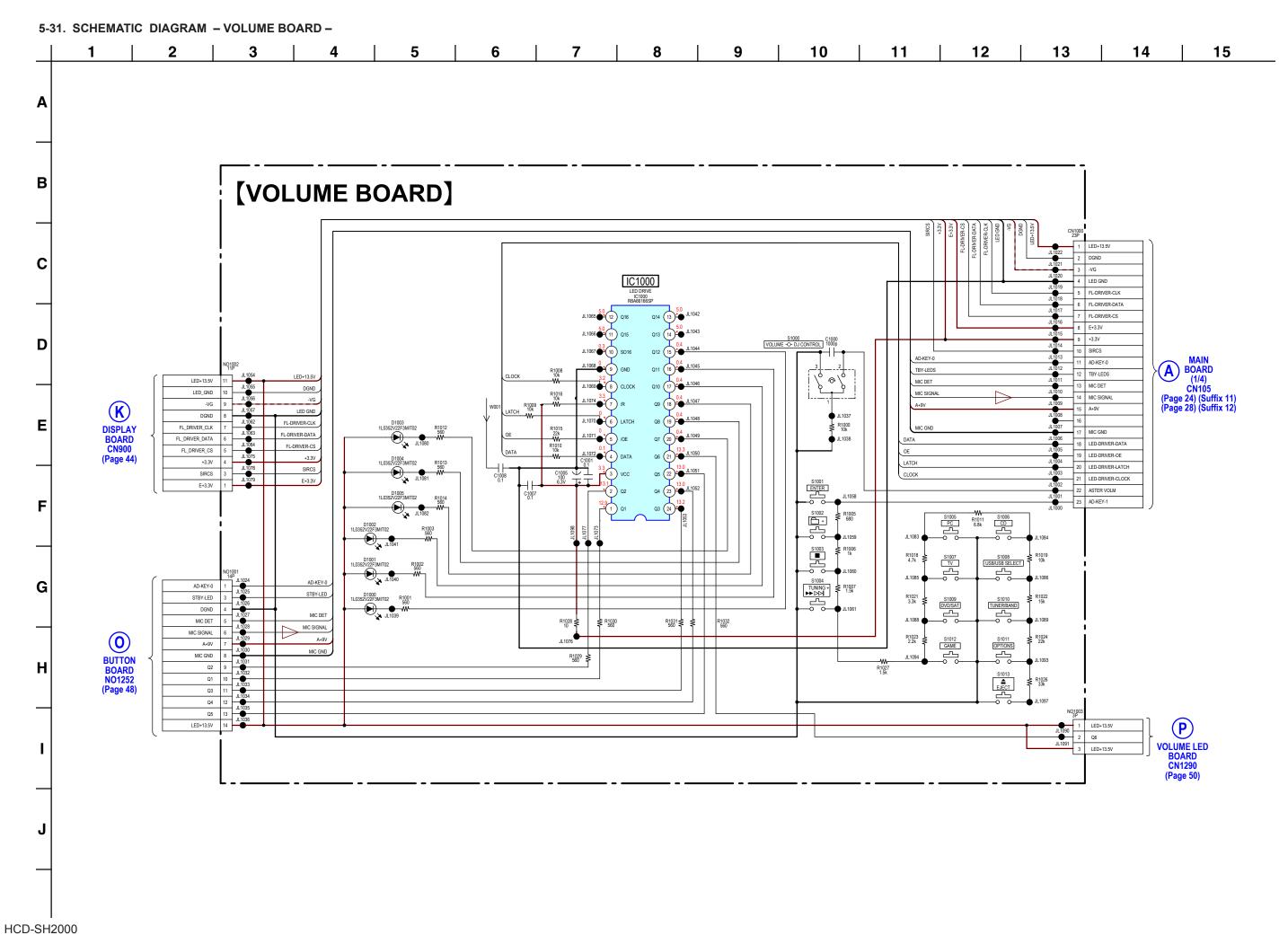
11 10 12 13 14 15 8 [DISPLAY BOARD] **IC982** (CHASSIS)



5-30. PRINTED WIRING BOARDS - VOLUME BOARD - • See page 14 for Circuit Boards Location. • 📭 : Uses unleaded solder.

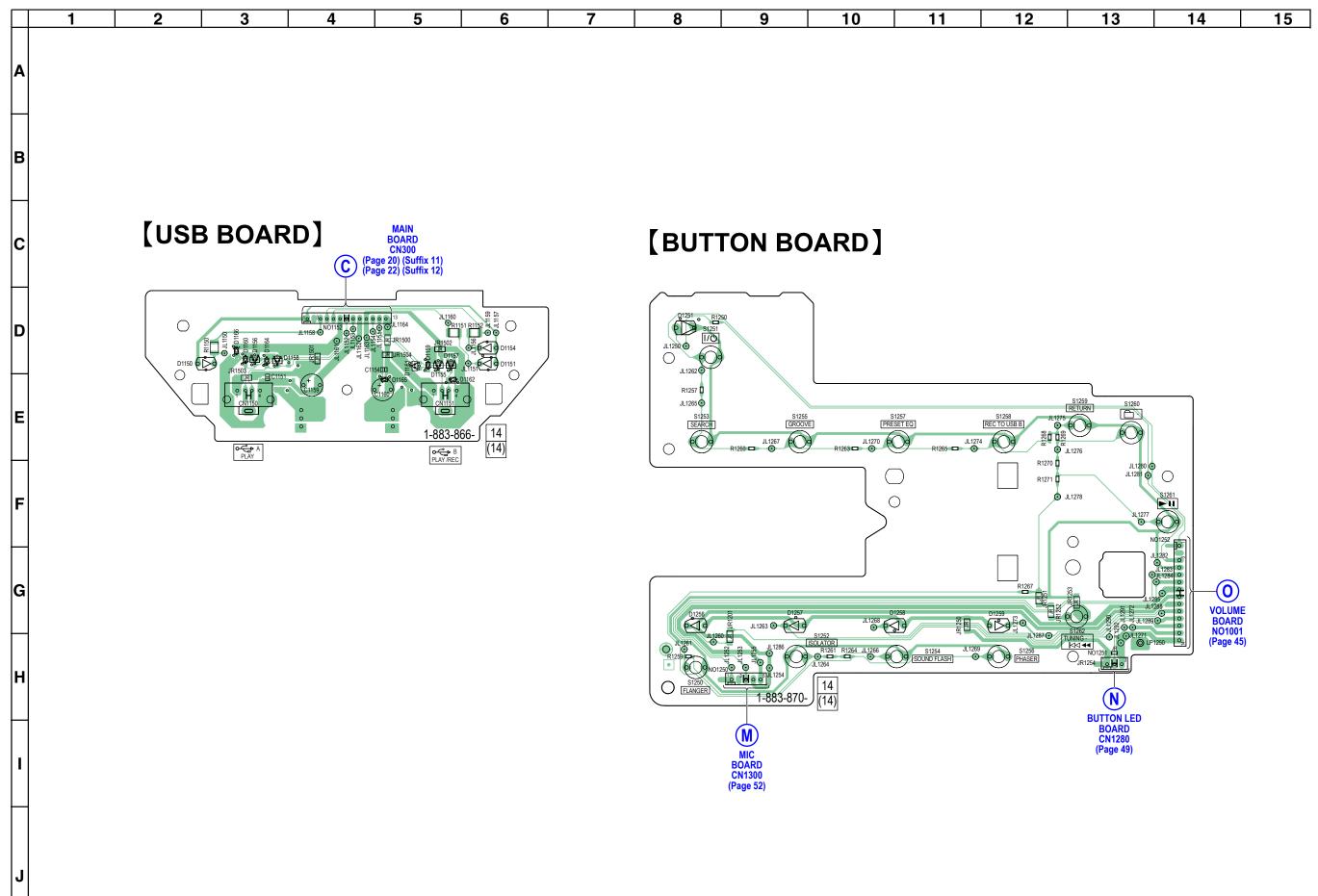
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



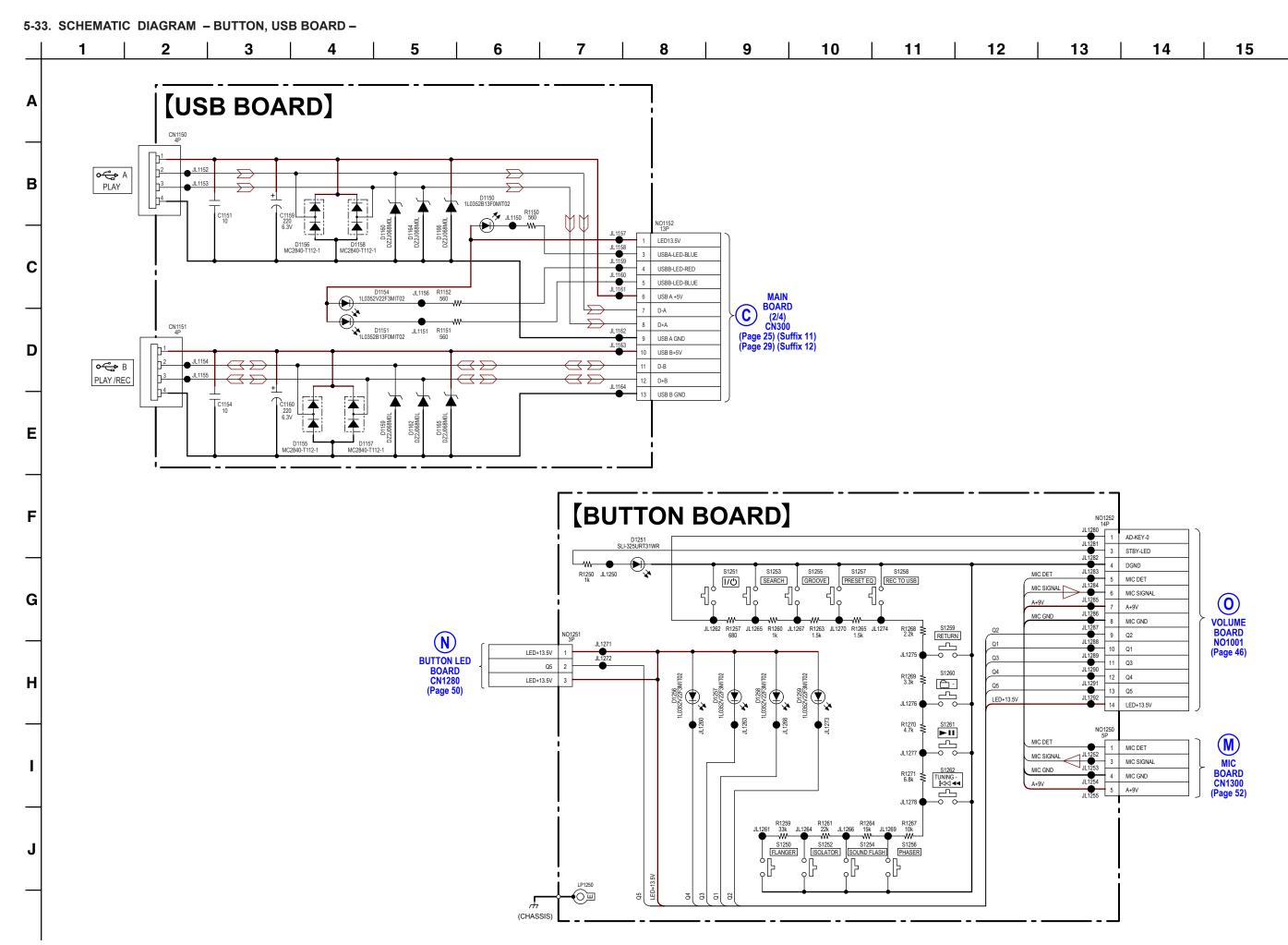


46 46

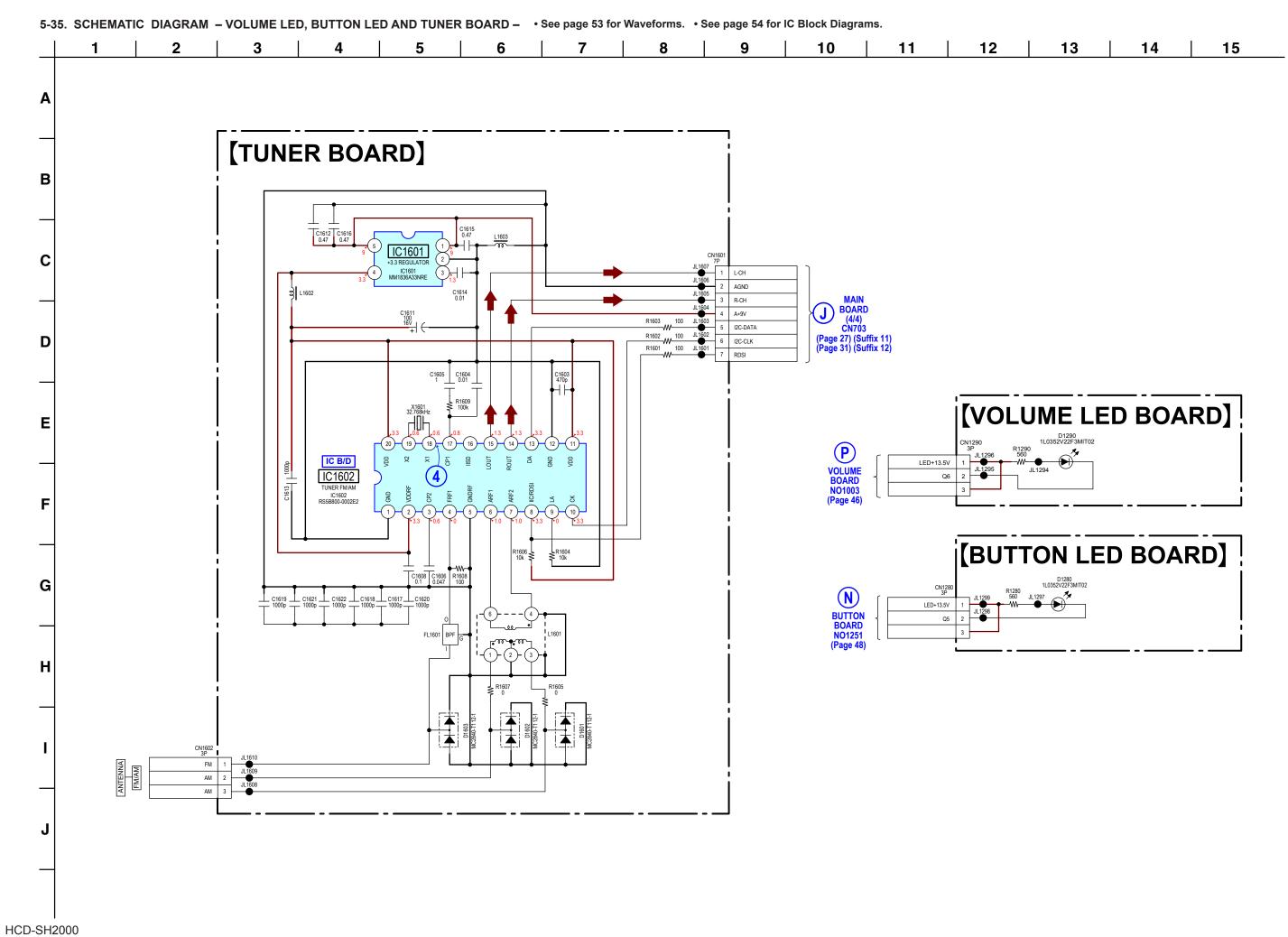
5-32. PRINTED WIRING BOARDS - BUTTON, USB BOARD - • See page 14 for Circuit Boards Location. • 🖅 : Uses unleaded solder.



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12 15 10 11 13 14 [TUNER BOARD] (Component side) [TUNER BOARD] (Conductor side) Ŧ 11 (11) <u>1-885-</u>186-1-885-186-[VOLUME LED BOARD] [BUTTON LED BOARD]



50

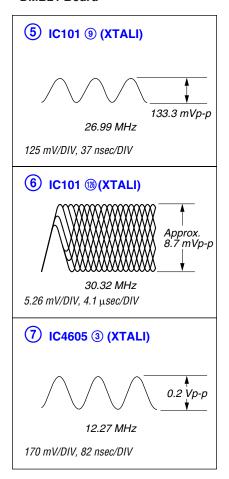
• **4**: Uses unleaded solder. 5-36. PRINTED WIRING BOARDS - AUDIO-IN BOARD - • See page 14 for Circuit Boards Location. 5-37. SCHEMATIC DIAGRAM - AUDIO-IN BOARD -3 5 6 7 8 4 2 3 6 В В C [AUDIO-IN BOARD] [AUDIO-IN BOARD] D 1-883-868-14 (14) TV A-GND Ε TV-L MAIN BOARD (4/4) CN106 MAIN BOARD CN106 (Page 20) (Suffix 11) (Page 22) (Suffix 12) A-GND PC-L A-GND (Page 27) (Suffix 11) (Page 31) (Suffix 12) PC-L PC TV G G Н

51

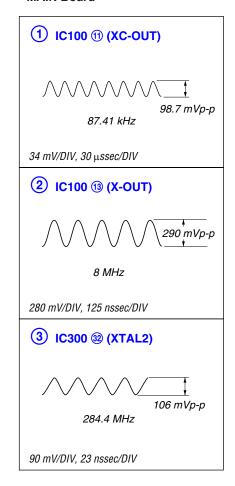
HCD-SH2000

5-38. PRINTED WIRING BOARDS - MIC BOARD - • See page 14 for Circuit Boards Location. • 🗷 : Uses unleaded solder. 11 12 2 13 14 15 10 [MIC BOARD] 14 (14) 1-883-867-5-39. SCHEMATIC DIAGRAM - MIC BOARD -14 6 8 10 11 12 13 15 [MIC BOARD] IC1300 MIC AMP В MIC IN C BUTTON BOARD NO1250 (Page 48) MIC GND D Ε

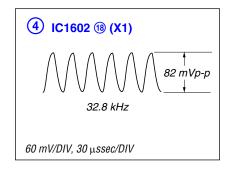
- Waveforms
- DMB21 Board -



- MAIN Board -



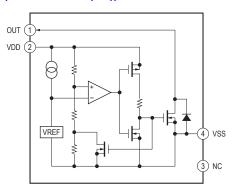
- TUNER Board -



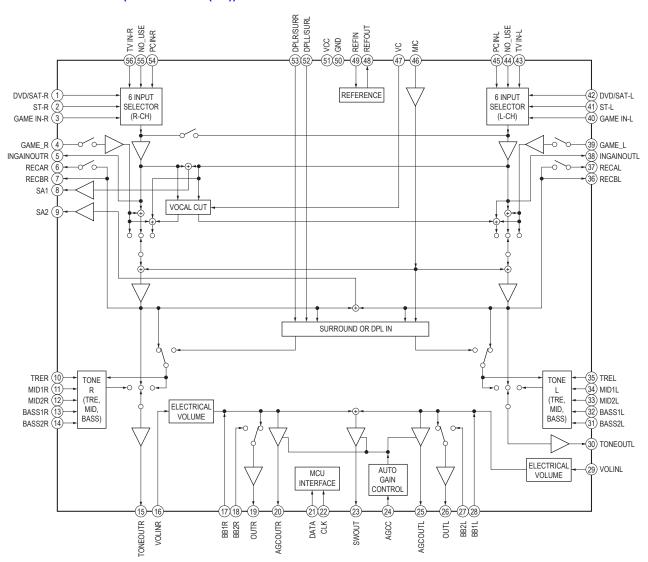
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• IC Block Diagrams

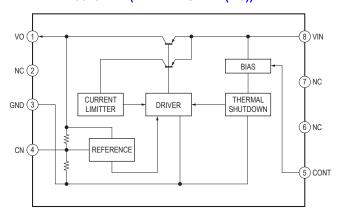
IC101 S-80829CNNB-B80T2G (MAIN BOARD (3/4))



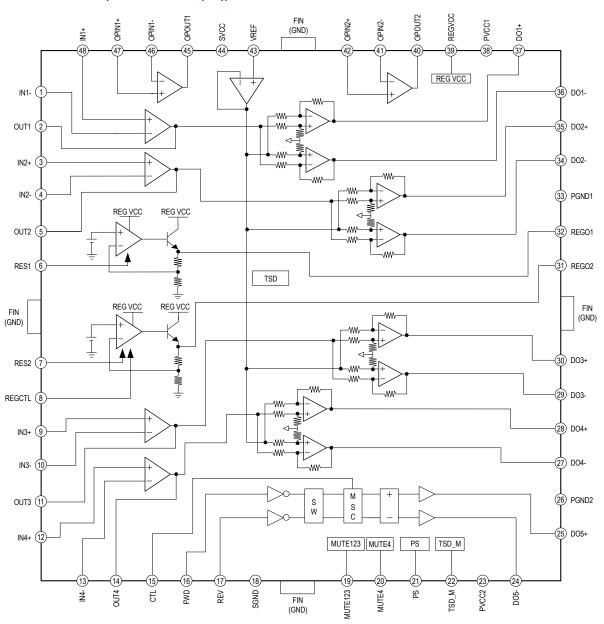
IC500 R2A15216FP (MAIN BOARD (4/4))



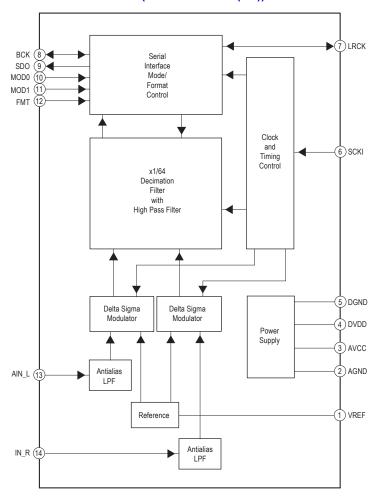
IC111 MM1661JHBE (DMB21 BOARD (2/3))



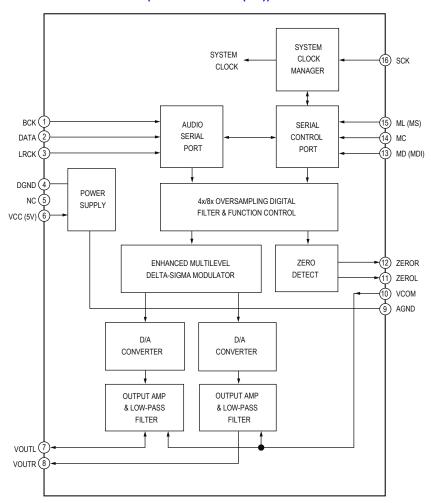
IC201 FAN8036L (DMB21 BOARD (3/3))



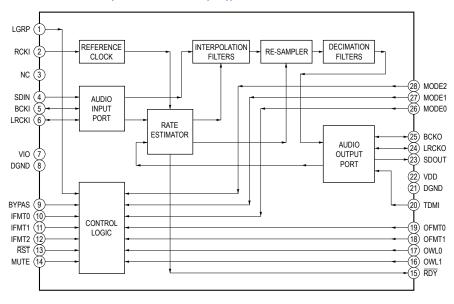
IC4601 PCM1808PWR (DMB21 BOARD (1/3))



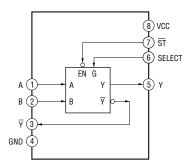
IC4602 PCM1753DBQR (DMB21 BOARD (1/3))



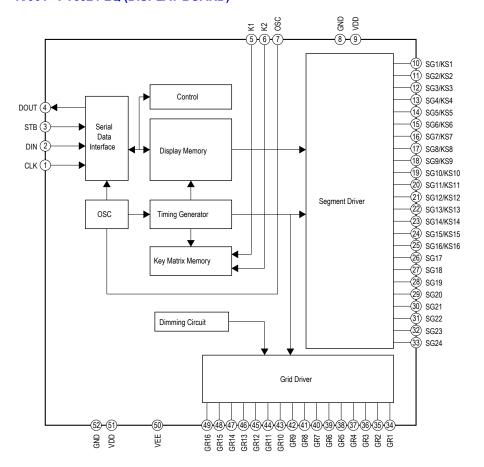
IC4607 SRC4182 (DMB21 BOARD (1/3))



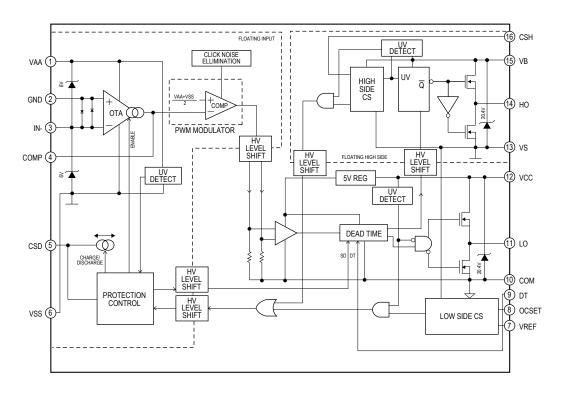
IC4608 TC7WH157FK (DMB21 BOARD (1/3))



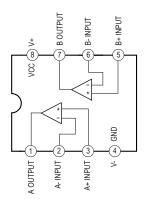
IC901 PT6324-LQ (DISPLAY BOARD)



IC1406, IC1407, IC1408, IC1409 IRS2092STRPBF (DAMP BOARD (2/4))

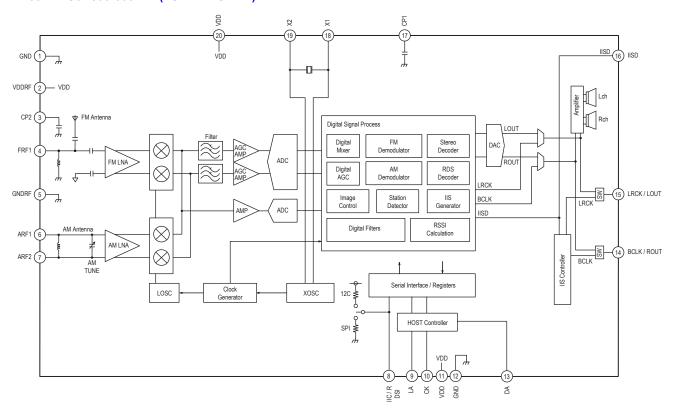


IC1410, IC1411 BA4580RF-E2 (DAMP BOARD (2/4)) IC1405 NJM2903V (TE2) (DAMP BOARD (4/4)) IC301 NJM2903V (TE2) (MAIN BOARD (2/4))



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IC1602 RS5B800-0002E2 (TUNER BOARD)



• IC Pin Function Descriptions MAIN BOARD (1/4) IC100 R5F3650KBDFA (SYSTEM CONTROL)

Dim No	Din Name	1/0	Description
Pin No.	Pin Name	1/0	Description Social data output signal to EL Privar PT6224
1	FL-DATA	0	Serial data output signal to FL Driver, PT6324
2	FL-CLK	0	Serial data clock signal to FL Driver, PT6324
3	LED-DRIVER-LATCH	0	Latch Signal to LED Driver, R8A66166SP
4	SIRCS	I	Remote control signal input
5	LED-DRIVER-DATA	0	Serial data output signal to LED Driver, R8A66166SP
6	/LED-DRIVER-OE	0	Output Enable Signal to LED Driver, R8A66166SP
7	LED-DRIVER-CLK	0	Serial data clock signal to LED Driver, R8A66166SP
8	BYTE	-	Ground terminal
9	CNVSS	-	Ground terminal
10	XC-IN	I	Sub system clock input terminal (32.768kHz)
11	XC-OUT	0	Sub system clock output terminal (32.768kHz)
12	RESET	I	System reset signal input from the reset signal IC "L": reset After the power supply rises, "L" is input for several hundreds msec and then change to "H".
13	XOUT	0	Main system clock output terminal (8MHz)
14	VSS	-	Ground terminal
15	XIN	I	Main system clock input terminal (8MHz)
16	VCC	-	Power supply terminal (+3.3V)
17	NMI	ı	Non-maskable interrupt input terminal
18	TRG-SW	ı	CDM Triggering switch
19	AC-CUT	ı	AC off detection signal input from the reset signal IC "L": AC Cut detected
20	ST-RDS	ı	Input for RDS Text Detect Signal (L: RDS Detect)
21	/FL-DRIVER-CS	0	Serial data chip select signal to FL Driver, PT6324
22	ST-CLK	I/O	Tuner IC: Data signal for IIC communcation
23	NO-USE	0	Unused
24	ST-DATA	I/O	Tuner IC: Clock signal for IIC communcation
25	VBUS-OE	0	MTK Vbus Output enable control pin
26	DAMP-CLK	0	Clock to Digital Amp
27	/HUB-OC1	ı	USB Overcurrent Detection input port 1
28	/HUB-OC2	i	USB Overcurrent Detection input port 2
29	I2C-CLK	I/O	Clock signal for IIC communcation between Master Control controller and Display Control controller
30	I2C-DATA	I/O	Data signal for IIC communcation between Master Control controller and Display Control controller
31	TXD1	I	Unused
32	RXD1	ı	Unused
33	CLK1	ı	Unused
34	RTS1		Unused
35	MTK-SOD	0	Data Out Signal to MTK DMB Board
36	MTK-SIO	ı	Data In Signal from MTK DMB Board
37	MTK-CLK	ı	Clock Signal from MTK DMB Board
38	DIGITAL_SEL	0	Digital Selector Pin
39	CLKOUT	0	Unused
40	MTK-BUSY	0	BUSY Signal communication between MTK Board
41	MTK-XIFCS	ı	Chip Select Signal from MTK DMB Board
42	MTK-RESET	0	MTK DMB Board reset pin
43	MTK_POWER_CTRL	0	Power Control pin for MTK DMB board
44	HUB-RESET	0	MTK Hub Board reset pin
45	HUB-VBUS-DETECT	0	Hub Power (V-DET) Control Port
46	FLASH-MEMORY	0	Update software recovery
47	AUDIO-DATA	0	Serial data output to audio signal processor, R2A15216FP
48	NO-USE	0	Unused
49	AUDIO-CLK	0	Serial data transfer clock signal output to audio signal processor, R2A15216FP
50	NO-USE	0	Unused
51	/LINE-MUTE	0	Muting Control Switch for all speaker mute control pin. "L": MUTE on
	/LIINL=IVIO I L		making Control Owiton for all speaker mate control pin. L. MOTE OII

Pin No.	Pin Name	I/O	Description
52	SPK-L-LED-RED	0	Speaker Left RED LED Control Pin. "H": LED on
53	SPK-L-LED-BLUE	0	Speaker Left BLUE LED Control Pin. "H": LED on
54	SPK-R-LED-RED	0	Speaker RIGHT RED LED Control Pin. "H": LED on
55	SPK-R-LED-BLUE	0	Speaker RIGHT BLUE LED Control Pin. "H": LED on
56	NO-USE	0	Unused
57	NO-USE	0	Unused
58	SUB-ON	0	Main power on/off control signal output "H":power on
59	PCONT-SUB	0	13.5V & 7V Power Switch Control pin. "H": 13V
60	FAN-EN	0	Fan Control Switch "H": fan on
61	/FANBLOCK	ı	Fan Block Detection Pin. "L": Block On
62	VCC2	-	Power supply terminal (+3.3V)
63	PCONT-MAIN	0	Digital Amp Module Power Control Pin. "H": ON
64	VSS	-	Ground terminal
65	NO-USE	0	Unused
66	NO-USE	0	Unused
67	MIC-DATA-IN	ı	VACS level detection signal (A/D input)
68	AD-KEY-0	ı	Key input terminal (A/D input)
69	NO-USE	0	Unused
70	/DAMP-RESET	0	Digital Amp Reset Pin
71	/SD-SLOW	ı	Digital Amp Shutdown Protection Detect on Amplifier Pin. "L": Protect on'
72	/SD-FAST	ı	Protection Detect on power supply Pin. "L": Protect on'
73	NO-USE	0	Unused
74	NO-USE	0	Unused
75	RESONANCE	ī	Resonance Protection Detection Pin
76	NO-USE	0	Unused
77	DSP-DATA	I/O	DSP IC: Data signal for IIC communcation
78	DSP-CLK	I/O	DSP IC: Clock signal for IIC communcation
79	DSP-RESET	0	DSP reset pin
80	MIC-DETECT	ī	Mic Input Detection pin. "H": Mic detected
81	NO-USE	0	Unused
82	USBA-LED-BLUE	0	USB A LED Control Pin. "H": LED on
83	NO-USE	0	Unused
84	TRYOPENPWM	0	CDM tray open PWM
85	CKSW	ī	CDM chucking switch
86	OCSW	ı	CDM open close switch
87	REV	0	CDM motor revious
88	FWR	0	CDM motor forward
89	STBY-LED	0	Standby LED
90	DEST-IN	ı	Destination setting terminal (A/D input)
91	NO-USE	0	Unused
92	MTK-POWER-MONITOR	ī	MTK DMB Board power monitor input pin (A/D input)
93	NO-USE	0	Unused
94	AD-KEY-1	ī	Key input terminal (A/D input)
95	USBB-LED-RED	0	USB B RED LED Control Pin. "H": LED on
96	AVSS	ı	Ground terminal (for A/D conversion)
97	MASTER-VOLUME	i	Jog dial pulse input from the MASTER VOLUME encoder (A/D input)
98	VREF	i	A/D Converter reference voltage input terminal (+3.3V)
99	AVCC	-	Power supply terminal (+3.3V) (for A/D conversion)
100	USBB-LED-BLUE	0	USB B BLUE LED Control Pin. "H": LED on
100	USDB-LED-BLUE		OOD D DEOL LED CONTROL FIII. 11 . LED ON

DMB21 BOARD (2/3) IC101 CXD9968R (LE)

Pin No.	Pin Name	I/O	Description
1	RF_A	I	RF main beam (C) input from the optical pick-up block
2	RF_B	I	RF main beam (B) input from the optical pick-up block
3	RF_C	- 1	RF main beam (A) input from the optical pick-up block
4	RF_D	- 1	RF main beam (D) input from the optical pick-up block
5	RF_E	I	RF sub beam (F) input from the optical pick-up block
6	RF_F	I	RF sub beam (E) input from the optical pick-up block
7	AVDD18_2	-	Power supply terminal (+1.8V)
8	AVDD33_1	-	Power supply terminal (+3.3V)
9	XTALI	I	System clock input terminal (27 MHz)
10	XTALO	0	System clock output terminal (27 MHz)
11	AGND33	-	Ground terminal
12	V2O	0	Reference voltage (+2V) output to the optical pick-up block
13	V14/VREFO	0	Reference voltage (+1.4V) output terminal
14	REXT	I	Current reference input terminal Fixed at "L" in this set
15, 16	MDI1, MDI2	I	Laser power monitor input from the optical pick-up block
17, 18	LDO1, LDO2	0	Laser diode drive signal output to the optical pick-up block
19	AVDD33_2	-	Power supply terminal (+3.3V)
20	DMO	0	Spindle motor control signal output to the motor driver
21	FMO	0	Sled motor control signal output to the motor driver
22	MUTE4	0	Muting signal output to the coil/motor driver (for spindle motor)
23	MSW	0	CD/DVD selection signal output terminal "L": CD, "H": DVD
24	TRO	0	Tracking coil control signal output to the coil driver
25	FOO	0	Focus coil control signal output to the coil driver
26	EEWP	_	Not used
27, 28	USB_DP, USB_DM	I/O	Two-way audio serial data with the USB controller
29	VDD33_USB	-	Power supply terminal (+3.3V)
30	VSS33_USB	_	Ground terminal
31	PAD_VRT	I/O	USB generating reference current terminal
32	VDD18_USB	-	Power supply terminal (+1.8V)
33	SCL	0	Serial clock signal output terminal Not used
34	SDA	1/0	Two-way serial data bus terminal Not used
35	IFSDI	I	Serial data input from the system controller
		0	Chip select signal output to the flash ROM
36	FS_CS#		
37	SF_DO	0	Serial data output to the flash ROM
38	SF_DI	I	Serial data input from the flash ROM
39	SF_CK	0	Serial clock signal output to the flash ROM
40	IFSCK	0	Serial data transfer clock signal output to the system controller
41	IFSOD	0	Serial data output to the system controller
42	ICE	I	ICE mode enable setting terminal Not used
43	PRST#	I	Reset signal input from the system controller "L": reset
44	IR	1	IR control signal input terminal Not used
45 to 49	RD0 to RD4	I/O	Two-way data bus with the SD-RAM
50	DVDD33	-	Power supply terminal (+3.3V)
51 to 53	RD5 to RD7	I/O	Two-way data bus with the SD-RAM
54	DVDD18	-	Power supply terminal (+1.8V)
55	DQM0	0	Data mask signal output to the SD-RAM
56 to 59	RD15 to RD 12	I/O	Two-way data bus with the SD-RAM
60	DVSS33	-	Ground terminal
61 to 64	RD11 to RD8	I/O	Two-way data bus with the SD-RAM
65	DQM1	0	Data mask signal output to the SD-RAM
66	RCLK	0	Clock signal output to the SD-RAM
67	RA11	0	Address signal output to the SD-RAM
68	DVDD33	-	Power supply terminal (+3.3V)
		-	

Pin No.	Pin Name	I/O	Description
69 to 74	RA9 to RA4	0	Address signal output to the SD-RAM
75	RWE#	0	Write enable signal output to the SD-RAM
76	CAS#	0	Column address strobe signal output to the SD-RAM
77	RAS#	0	Row address strobe signal output to the SD-RAM
78	BA0	0	Bank address signal output to the SD-RAM
79	DVSS18	-	Ground terminal
80	BA1	0	Bank address signal output to the SD-RAM
81 to 83	RA10, RA0, RA1	0	Address signal output to the SD-RAM
84	DVDD33	-	Power supply terminal (+3.3V)
85, 86	RA2, RA3	0	Address signal output to the SD-RAM
87	IFBSY	I	Communication initialization request signal input from the system controller
88	IFCS#	0	Communication initialization request acknowledge signal output to the system controller
89	RX	-	Not used
90	DVDD18	-	Power supply terminal (+1.8V)
91	TX	-	Not used
92	XMAMUTE	-	Not used
93	SPDIF	0	SPDIF signal output terminal Not used
94	GPIO	ı	Thermal shut down signal input from the coil/motor driver
95	DACVDDC	_	Power supply terminal (+3.3V)
96	VREF	1	Band gap reference voltage terminal
97	FS	ı	Full scale adjustment terminal
98	DACVSSC	-	Ground terminal
99	CVBS	0	Composite video signal output terminal Not used
100, 101	DACVDDB, DACVDDA	-	Power supply terminal (+3.3V)
102	SY/Y/G	0	Component video (Y) signal output terminal Not used
103	SC/CB/B	0	Component video (Pb/Cb) signal output terminal Not used
104	CR/R	0	Component video (Pr/Cr) signal output terminal Not used
105	AADVSS	-	Ground terminal
106	GPIO19	ı	Audio data input from the A/D converter (for USB)
107	MUTE123	-	Not used
108	LIMITSW	-	Not used
109, 110	AADVDD, APLLVDD	-	Power supply terminal (+3.3V)
111	APLLCAP	ı	External capacitor connecting terminal
112, 113	ADACVSS2, ADACVSS1	-	Ground terminal
114	GPIO	0	Master clock signal output to the A/D converter and D/A converter
115	GPIO	0	Bit clock signal output to the A/D converter and D/A converter
116	GPIO	0	Muting signal output to the coil/motor driver (for focus/tracking coil and sled motor)
117	AVCM	-	Audio D/A converter reference voltage terminal
118	GPIO	I	Limit detection switch input terminal
119	GPIO	0	L/R sampling clock signal output to the A/D converter and D/A converter
120	GPIO	0	Audio data output to the D/A converter
121, 122	ADACVDD1, ADACVDD2	-	Power supply terminal (+3.3V)
123	AVDD18_1	-	Power supply terminal (+1.8V)
124	AGND18	-	Ground terminal
125, 126	RF_IP, OPOUT	I	AC coupled RF signal input from the optical pick-up block
127	IOPMON/OPINP	I	Power monitor terminal
128	SPFG/OPINN	ı	Spindle motor hall sensor input from the motor driver

SECTION 6 EXPLODED VIEWS

Note:

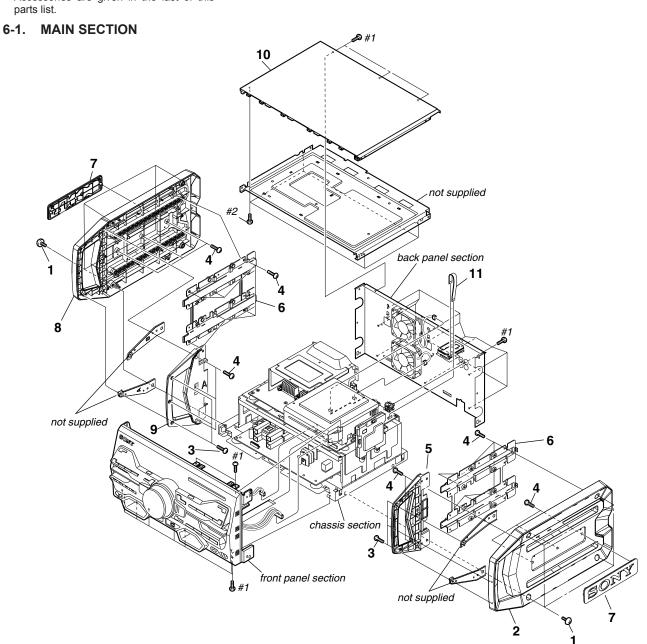
- The mechanical parts with no reference number in the exploded views are not sup-
- Items marked "*" are not stocked since they are seldom required for routine service.
 - Some delay should be anticipated when ordering these items.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- · Accessories are given in the last of this parts list.

Abbreviation

120 V AC area in E model E2 E51 Chilean and Peruvian models

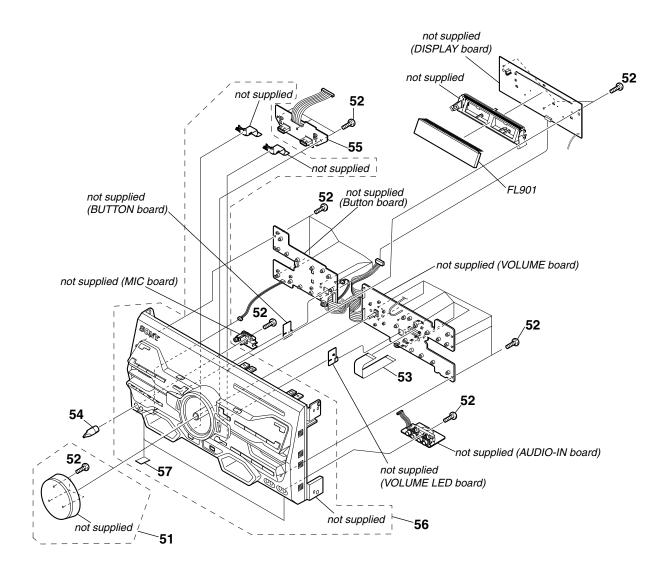
EΑ Saudi Arabia model MX Mexican model MY Malaysia model SAF : South African model The components identified by mark \triangle or dotted line with mark \triangle are critical for

Replace only with part number specified.



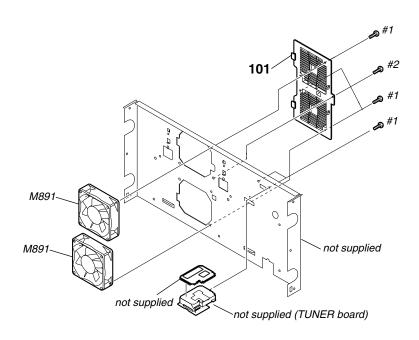
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	4-874-614-62	SCREW(1) (3.5 X 16), TAPPING		8	4-275-638-01	PANEL, SIDE A (EXCEPT US)	
2	4-275-639-01	PANEL, SIDE B (EXCEPT US)		8	4-275-638-11	PANEL, SIDE A (US)	
2	4-275-639-11	PANEL, SIDE B (US)					
3	3-363-099-02	SCREW (CASE 3 TP2)		9	4-275-640-01	HANDLE, COVER A	
4	3-087-053-01	+BVTP2.6 (3CR)		10	4-275-642-01	PANEL, TOP (E2, E51, MX)	
		,		10	4-275-642-11	PANEL, TOP (SAF, EA, MY)	
5	4-275-641-01	HANDLE, COVER B		10	4-275-642-21	PANEL, TOP (US)	
6	4-291-803-01	COVER, HOLE		11	1-828-944-51	WIRE (FLAT TYPÉ) (7 CORE)	
7	4-277-991-01	PLATE, SONY				, , , ,	
				#1	7-685-647-71	SCREW +BVTP 3X10 TYPE2 IT-3	
				#2	7-685-646-71	SCREW +BVTP 3X8 TYPE2 IT-3	

6-2. FRONT PANEL SECTION



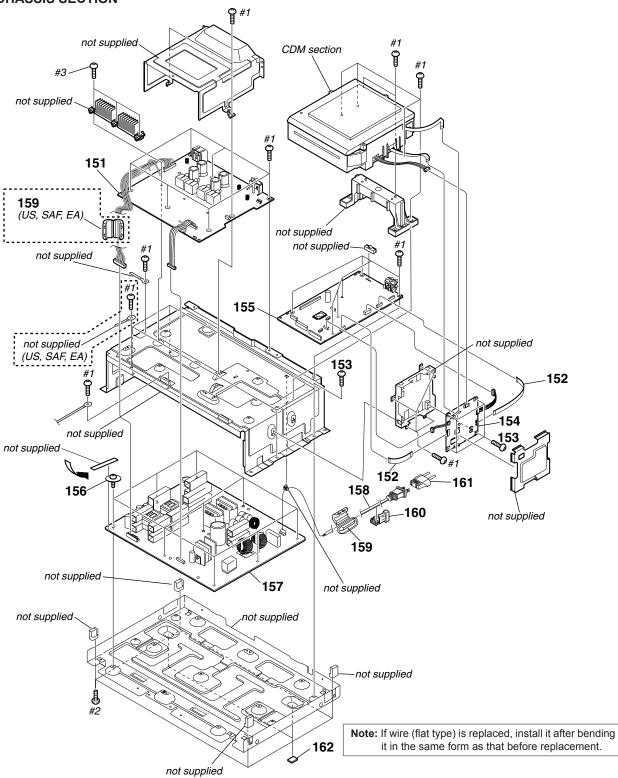
Ref. No.	Part No.	<u>Description</u>	Remark	Ref. No.	Part No.	Description	Remark
51	X-2581-185-1	KNOB VOLUME, ASSY		56	X-2581-184-1	PANEL FRONT, ASSY (EXCEPT US)	
52	3-087-053-01	+BVTP2.6 (3CR)		56	X-2584-880-1	PANEL, FRONT ASSY (U) (US)	
53	1-829-021-51	WIRE (FLAT TYPE) (23 CORE)		57	4-176-619-01	FOOT, RUBBER	
54	2-895-507-01	KNOB (MIC)		FL901	1-483-367-11	VACUUM FLUORESCENT DISPLAY	
55	A-1820-972-A	USB BOARD, COMPLETE					

6-3. BACK PANEL SECTION



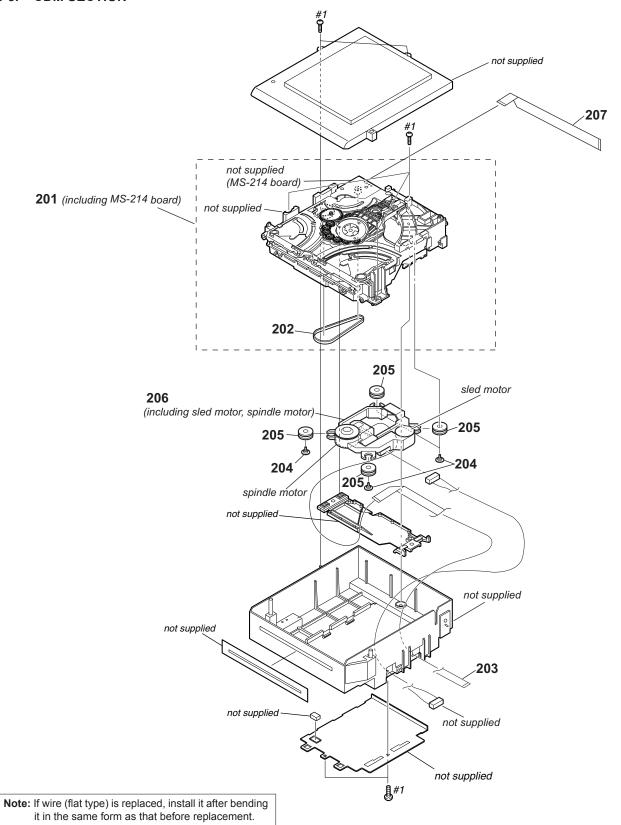
Ref. No.	Part No.	<u>Description</u>	Remark
101	4-275-644-01	COVER, FAN	
△ M891	1-855-006-11	FAN, DC	
#1	7-685-647-71	SCREW +BVTP 3X10 TYPE2 IT-3	
#2	7-685-646-71	SCREW +BVTP 3X8 TYPE2 IT-3	

6-4. CHASSIS SECTION



Ref. No.	Part No.	<u>Description</u>	Remark	Ref. No.	Part No.	<u>Description</u>	Remark
151	A-1820-978-A	DAMP BOARD, COMPLETE (E2, E51, M	MX, MY)	157	1-474-315-11	SWITCHING REGULATOR	
151	A-1842-418-A	DAMP BOARD, COMPLETE (SAF, EA)	,	158	1-783-820-11	CORD, POWER (US)	
151	A-1891-078-A	DAMP BOARD, COMPLETE (US)		158	1-837-344-11	CORD, POWER SUPPLY (E2, E51, MX))
152	1-828-328-51	WIRE (FLAT TYPE) (13 CORE)					
153	3-077-331-01	+BV3 (3-CR)		158	1-838-939-11	CORD, POWER (SAF)	
				158	1-838-969-11	POWER-SUPPLY CORD (EA, MY)	
154	A-1820-980-A	DMB21 BOARD, COMPLETE		159	1-457-369-12	CORE, FERRITE	
155	A-1820-965-A	MAIN BOARD, COMPLETE (E2, E51, M	IX)	160	4-966-267-12	BUSHING (FBS001), CORD	
155	A-1820-982-A	MAIN BOARD, COMPLETE (SAF)	·	161	1-569-007-12	ADAPTOR, CONVERSION 2P (E2, E51)
155	A-1820-984-A	MAIN BOARD, COMPLETE (EA)					
155	A-1833-653-A	MAIN BOARD, COMPLETE (MY)		162	4-176-619-01	FOOT, RUBBER	
				#1	7-685-647-71	SCREW +BVTP 3X10 TYPE2 IT-3	
155	A-1886-204-A	MAIN BOARD, COMPLETE (US)		#2	7-685-646-71	SCREW +BVTP 3X8 TYPE2 IT-3	
156	4-295-657-01	SCREW, WASHER (M3)		#3	7-685-874-09	SCREW +BVTT 3X12(S)	
			'				

6-5. CDM SECTION



Ref. No.	Part No.	<u>Description</u>	Remark	Ref. No.	Part No.	Description	Remark
201	A-1114-646-A	MD (AU) ASSY (including MS-214 board	l)	<u></u> ∆ 206	8-820-322-04	DEVICE, OPTICAL KHM-313CAB/C2RP	
202	4-245-653-01	BELT (MOT)				(including sled motor, spindle motor)	
203	1-828-252-51	WIRE (FLAT TYPE) (24 CORE)		207	1-828-300-11	WIRE (FLAT TYPE) (7 CORE)	
204	3-087-599-01	INSULATOR SCREW		#1	7-685-647-71	SCREW +BVTP 3X10 TYPE2 IT-3	
205	2-634-618-31	INSULATOR		ı			

HCD-SH2000

Ver. 1.1

AUDIO-IN BUTTON

BUTTON LED

Note:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the com-
- ponents used on the set.
 -XX and -X mean standardized parts, so they may have some difference from the original one.
 RESISTORS

All resistors are in ohms. METAL: Metal-film resistor.

METAL OXIDE: Metal oxide-film resistor.

F: nonflammable

SECTION 7 ELECTRICAL PARTS LIST

• Items marked "*" are not stocked since they are seldom required for routine ser-

Some delay should be anticipated when ordering these items.

SEMICONDUCTORS

In each case, u: μ, for example:
uA. : μA. , uPA. , μPA. ,
uPB. : μPB. , uPC. , μPC. ,
uPD. : μPD. .

uF: μF COILS uH: μH The components identified by mark rianlgeor dotted line with mark $\ensuremath{ \triangle}$ are critical for safety.

Replace only with part number specified.

When indicating parts by reference number, please include the board name.

Abbreviation

E2 : 120V AC area in E model E51 Chilean and Peruvian models

EΑ Saudi Arabia model MX : Mexican model MY : Malaysia model : South African model SAF

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
		AUDIO-IN BOAR				JR1252 JR1253	1-216-296-11 1-216-296-11	SHORT CHIP	0		
		< CAPACITOR >				JR1254	1-216-864-11	SHORT CHIP	0		
C1200 C1201	1-162-960-11 1-162-960-11	CERAMIC CHIP CERAMIC CHIP	220PF 220PF	10% 10%	50V 50V			< RESISTOR >			
C1202 C1203	1-162-960-11 1-162-960-11	CERAMIC CHIP CERAMIC CHIP	220PF 220PF	10% 10%	50V 50V	R1250 R1257	1-216-821-11 1-216-819-11	METAL CHIP METAL CHIP	1K 680	5% 5%	1/10W 1/10W
C1204	1-100-385-91	CERAMIC CHIP	0.47uF	1070	25V	R1259 R1260	1-216-839-11 1-216-821-11	METAL CHIP METAL CHIP	33K 1K	5% 5%	1/10W 1/10W
C1205 C1206	1-100-385-91 1-162-964-11	CERAMIC CHIP CERAMIC CHIP	0.47uF 0.001uF	10%	25V 50V	R1261	1-216-837-11	METAL CHIP	22K	5%	1/10W
C1207	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	R1263 R1264	1-216-823-11 1-216-835-11	METAL CHIP METAL CHIP	1.5K 15K	5% 5%	1/10W 1/10W
		< DIODE >				R1265 R1267	1-216-823-11 1-216-833-11	METAL CHIP METAL CHIP	1.5K 10K	5% 5%	1/10W 1/10W
D1200 D1201	6-500-848-01 6-500-848-01	DIODE MC2840 DIODE MC2840				R1268	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
		< JACK >				R1269 R1270 R1271	1-216-827-11 1-216-829-11 1-218-867-11	METAL CHIP METAL CHIP METAL CHIP	3.3K 4.7K 6.8K	5% 5% 0.5%	1/10W 1/10W 1/10W
J1200 J1201	1-764-767-21 1-764-767-21	JACK, PIN 2P (T JACK, PIN 2P (P				KIZII	1-210-007-11	< SWITCH >	0.010	0.570	171000
		< RESISTOR >				S1250 S1251	1-771-410-21 1-771-410-21	SWITCH, TACTII SWITCH, TACTII		R)	
R1200 R1201	1-216-839-11 1-216-839-11	METAL CHIP METAL CHIP	33K 33K	5% 5%	1/10W 1/10W	S1251 S1252 S1253	1-771-410-21 1-771-410-21 1-771-410-21	SWITCH, TACTII SWITCH, TACTII	LE (ISOLATO		
R1202 R1203	1-216-839-11 1-216-839-11	METAL CHIP METAL CHIP	33K 33K	5% 5%	1/10W 1/10W	S1254	1-771-410-21	SWITCH, TACTII			
R1204	1-216-838-11	METAL CHIP	27K	5%	1/10W	S1255 S1256	1-771-410-21 1-771-410-21	SWITCH, TACTII SWITCH, TACTII	*	,	
R1205 R1206	1-216-838-11 1-216-838-11	METAL CHIP METAL CHIP	27K 27K	5% 5%	1/10W 1/10W	S1257 S1258	1-771-410-21 1-771-410-21	SWITCH, TACTII SWITCH, TACTII	LE (PRESET	EQ)	
R1207 ******	1-216-838-11 ******	METAL CHIP	27K ******	5% ******	1/10W ******	S1259	1-771-410-21	SWITCH, TACTII	LE (RETURN	l) ,	
		BUTTON BOARE				S1260 S1261 S1262	1-771-410-21 1-771-410-21 1-771-410-21	SWITCH, TACTII SWITCH, TACTII SWITCH, TACTII	LE (►ÍI) LE (TUNING		
		< DIODE >				******	******			******	******
D1251 D1256	6-502-469-01 6-503-224-02	DI SLI-325URT3 ⁻ DI 1L0352V22F3						BUTTON LED B(*******			
D1257 D1258	6-503-224-02 6-503-224-02	DI 1L0352V22F3 DI 1L0352V22F3	MIT02					< CONNECTOR	>		
D1259	6-503-224-02	DI 1L0352V22F3				CN1280	1-564-719-11	PIN, CONNECTO	OR (SMALL	TYPE) 3P	
		< JUMPER RESI	STOR >					< DIODE >			
JR1201 JR1250 JR1251	1-216-296-11 1-216-296-11 1-216-296-11	SHORT CHIP SHORT CHIP SHORT CHIP	0 0 0			D1280	6-503-224-02	DI 1L0352V22F3	MIT02		

D. C.N.	D (N)	5				L D ()	B (N)	D			5 .
Ref. No.	Part No.	<u>Description</u>			Remark	Ref. No.	Part No.	<u>Description</u>			Remark
		< RESISTOR >				C1482	1-164-933-11	CERAMIC CHIP	220PF	10%	50V
R1280	1 057 172 01	METAL CLUD	EGO	E0/	1/3W	C1483 C1484	1-164-933-11	CERAMIC CHIP	220PF 220PF	10% 10%	50V 50V
	1-257-173-91 ******	METAL CHIP *******	560 ******	5% ******		C1464 C1485	1-164-933-11 1-164-933-11	CERAMIC CHIP	220PF 220PF	10%	50V 50V
						C1403	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
	A-1820-978-A	DAMP BOARD, C	OMPLETE (E2, E51, I	MX, MY)	01100	1 100 001 01	OLI U MINO OT III	0.101	1070	201
	A-1842-418-A	DAMP BOARD, C	OMPLETE (SAF, EA)	,	C1487	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
	A-1891-078-A	DAMP BOARD, C		US)		C1488	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
		********	*****			C1489	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
		< CAPACITOR >				C1490	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
		CAPACITOR >				C1491	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1400	1-126-935-11	ELECT	470uF	20%	16V	C1492	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
C1401	1-126-948-11	ELECT	100uF	20%	35V	C1493	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
C1402	1-126-948-11	ELECT	100uF	20%	35V	C1494	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
C1405	1-126-947-11	ELECT	47uF	20%	35V	C1495	1-112-514-91	CERAMIC CHIP	1500PF	5%	50V
C1406	1-126-947-11	ELECT	47uF	20%	35V	C1496	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C1407	1-137-909-91	CERAMIC CHIP	0.22uF	10%	35V	C1497	1-124-779-00	ELECT CHIP	10uF	20%	16V
C1408	1-137-909-91	CERAMIC CHIP	0.22uF	10%	35V	C1498	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C1409	1-126-964-11	ELECT	10uF	20%	50V	C1499	1-124-779-00	ELECT CHIP	10uF	20%	16V
C1410	1-126-964-11	ELECT	10uF	20%	50V	C1500	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C1411	1-126-964-11	ELECT	10uF	20%	50V	C1501	1-124-779-00	ELECT CHIP	10uF	20%	16V
C1410	1 100 004 11	ELECT	10	20%	50V	C1500	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C1412 C1413	1-126-964-11 1-126-964-11	ELECT	10uF 10uF	20%	50V 50V	C1502 C1503	1-112-092-11	ELECT CHIP	1000PF 10uF	20%	16V
C1414	1-126-964-11	ELECT	10uF	20%	50V	C1504	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C1415	1-126-964-11	ELECT	10uF	20%	50V	C1505	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C1416	1-126-964-11	ELECT	10uF	20%	50V	C1506	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
04404	4 407 040 44	EL EQT (DL QQL)	0000 5	000/	74) /	04507	4 407 700 04	0554440 0145	0.04 5	400/	40) (
C1424 C1425	1-127-813-11 1-127-813-11	ELECT (BLOCK) ELECT (BLOCK)	3300uF 3300uF	20% 20%	71V 71V	C1507 C1508	1-107-726-91 1-107-726-91	CERAMIC CHIP	0.01uF 0.01uF	10% 10%	16V 16V
C1425	1-126-964-11	ELECT (BLOCK)	10uF	20%	50V	C1506	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C1430	1-126-964-11	ELECT	10uF	20%	50V	C1510	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C1431	1-127-813-11	ELECT (BLOCK)	3300uF	20%	71V	C1511	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C1432	1-127-813-11	ELECT (BLOCK)	3300uF	20%	71V	C1512	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C1435 C1436	1-100-597-91 1-126-923-91	CERAMIC CHIP ELECT	0.1uF 220uF	10% 20%	25V 10V	C1513 C1514	1-107-726-91 1-107-726-91	CERAMIC CHIP	0.01uF 0.01uF	10% 10%	16V 16V
C1430	1-126-923-91	ELECT	220uF 220uF	20%	10V 10V	C1514	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V
C1439	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C1516	1-114-236-21	CERAMIC CHIP	22uF	10%	25V
C1440	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C1517	1-114-236-21	CERAMIC CHIP	22uF	10%	25V
C1441	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C1518	1-114-236-21	CERAMIC CHIP	22uF	10%	25V
C1442 C1450	1-137-909-91 1-126-947-11	CERAMIC CHIP ELECT	0.22uF 47uF	10% 20%	35V 35V	C1519 C1520	1-114-236-21 1-127-715-11	CERAMIC CHIP	22uF 0.22uF	10% 10%	25V 16V
C1456	1-162-919-11	CERAMIC CHIP	22PF	5%	50V	C1520	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
									*		
C1457	1-162-919-11	CERAMIC CHIP	22PF	5%	50V	C1522	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1458	1-162-919-11	CERAMIC CHIP	22PF	5%	50V	C1523	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C1459 C1460	1-162-919-11 1-126-964-11	CERAMIC CHIP ELECT	22PF 10uF	5% 20%	50V 50V	C1524 C1525	1-164-161-11 1-164-161-11	CERAMIC CHIP	0.0022uF 0.0022uF	10% 10%	100V 100V
C1460	1-126-964-11	ELECT	10uF	20%	50V 50V	C1525	1-164-161-11	CERAMIC CHIP	0.0022uF 0.0022uF	10%	100V 100V
01101	1 120 001 11		1001	2070	001	01020		OLI U MINO OT III	0.002241	1070	1001
C1462	1-126-964-11	ELECT	10uF	20%	50V	C1527	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C1463	1-126-964-11	ELECT	10uF	20%	50V	C1528	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C1468	1-165-895-91	CERAMIC CHIP	0.1uF	10%	50V	C1529	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C1469 C1470	1-100-436-91 1-165-895-91	CERAMIC CHIP	0.033uF 0.1uF	10% 10%	25V 50V	C1530 C1531	1-164-161-11 1-164-161-11	CERAMIC CHIP	0.0022uF 0.0022uF	10% 10%	100V 100V
01470	1-100-000-01	OLIVAWIO OTIII	o. rui	10 /0	30 V	01001	1-104-101-11	OLIVAIVIIO OFIII	0.002201	1070	100 V
C1471	1-100-436-91	CERAMIC CHIP	0.033uF	10%	25V	C1532	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C1473	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C1533	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C1474	1-124-779-00	ELECT CHIP	10uF	20%	16V	C1534	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C1475 C1476	1-124-779-00 1-124-779-00	ELECT CHIP ELECT CHIP	10uF	20% 20%	16V 16V	C1535 C1536	1-100-153-91 1-100-153-91	CERAMIC CHIP	220PF 220PF	5% 5%	100V 100V
014/0	1-124-119-00	LLLUI UMIP	10uF	ZU 70	101	01000	1-100-100-91	CERAMIC CHIP	22UFF	J /0	1007
C1477	1-124-779-00	ELECT CHIP	10uF	20%	16V	C1537	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C1478	1-124-779-00	ELECT CHIP	10uF	20%	16V	C1538	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C1479	1-124-779-00	ELECT CHIP	10uF	20%	16V	C1539	1-100-153-91	CERAMIC CHIP	220PF	5%	100V
C1480	1-124-779-00	ELECT CHIP	10uF	20%	16V	C1540	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V
C1481	1-124-779-00	ELECT CHIP	10uF	20%	16V	C1541	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V
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C1592	Ref. No.	Part No.	Description			Remark	l i	Ref. No.	Part No.	Description			Remark
1-106 1-10			· · · · · · · · · · · · · · · · · · ·		400/		'					400/	
1-144 1-109-622-8 CERAMIC CHIP 0.14													
1-106-82-31 CERAMIC CHIP 0.1													
C1547 1-100-623-91 CERAMIC CHIP 0.1uf													
C1647								C 1000	1-114-754-91	WITLAR	U.UTUF	5%	250V
C1565	01340	1-100-023-91	CLIMINIC CHIF	U. Tul	10 /0	100 V		C1667	1-114-754-91	MYI AR	0.01uF	5%	250V
C1565 1-128-860-11 ELECT	C1547	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100\/							
C1682 1-128-860-11 ELECT													
1-128-99-11 ELECT													
C1566													
C1686	C1564	1-126-960-11	ELECT	1uF	20%	50V							
C1686								C1676		CERAMIC CHIP	0.47uF	10%	250V
C1688		1-114-754-91	CERAMIC CHIP	0.1uF	10%						0.47uF	10%	
C1690								C1678	1-100-996-21	CERAMIC CHIP	0.1uF	10%	
CISSA 1-109-98-11 ELECT 10pF 29% 50V C1680 1-109-996-21 CERAMIC CHIP 0.1uF 10% 25V C1680 1-127-820-11 CERAMIC CHIP 4.7uF 10% 16V C1681 1-109-996-21 CERAMIC CHIP 0.1uF 10% 25V C1681 1-127-820-11 CERAMIC CHIP 4.7uF 10% 16V C1681 1-127-820-11 CERAMIC CHIP 4.7uF 10% 16V C1681 1-127-820-11 CERAMIC CHIP 0.1uF 10% 25V C1681 1-127-820-11 CERAMIC CHIP 0.1uF 10% 25V C1681 1-127-820-11 CERAMIC CHIP 0.1uF 10% 25V C1681 1-128-89-11 ELECT 4.7uF 20% 50V C1685 1-162-964-11 CERAMIC CHIP 0.02uF 10% 50V C1685 1-162-964-11 CERAMIC CHIP 0.01uF 10% 25V C1485 C14								0.40=0		0======================================		400/	
C1574								C1679	1-100-996-21	CERAMIC CHIP	0.1uF	10%	
C1578 -172-820-11 CERAMIC CHP 0.1uF 10% 25V C1580 -110-587-91 CERAMIC CHP 4.7uF 10% 16V CERAMIC CHP 4.7uF 10% 16V CERAMIC CHP 0.1uF 10% 25V C1581 1-127-820-11 CERAMIC CHP 4.7uF 10% 16V CERAMIC CHP 0.1uF 10% 25V C1581 1-127-820-11 CERAMIC CHP 0.1uF 10% 25V C1582 1-128-98-11 ELECT 0.01uF 10% 25V C1585 1-162-964-11 CERAMIC CHP 0.01uF 10% 25V	C15/2	1-126-964-11	ELECT	10uF	20%	50V		04000	4 400 000 04	OEDAMIO OLUB	04.5	400/	, , ,
C1579 1-127-820-11 CERAMIC CHIP 47-0F 10% 16V C1681 1-100-966-21 CERAMIC CHIP 0.10F 10% 25V C1681 1-127-820-11 CERAMIC CHIP 0.10F 10% 25V C1681 1-127-820-11 CERAMIC CHIP 0.10F 10% 65V C1681 1-127-820-11 CERAMIC CHIP 0.0010F 10% 50V C1685 1-162-964-11 CERAMIC CHIP 0.0010F 10% 50V C1685 1-162-964-11 CERAMIC CHIP 0.0010F 10% 50V C1686 1-168-296-11 CERAMIC CHIP 0.0010F 10% 50V C1686 1-168-96-11 C1686 1-126-96-11 CERAMIC CHIP 0.0010F 10% 50V C1686 1-126-96-11	C1574	1 100 507 01	CEDAMIC CHID	0.1uE	100/	251/		C1680	1-100-996-21	CERAMIC CHIP	0.1uF	10%	
C1598													(US, SAF, EA)
C1580								C1681	1_100_996_21	CERAMIC CHIP	0.1uF	10%	250\/
C1582 1-127-820-11 CERAMIC CHIP 4.7uF 10% 16V								01001	1 100 000 21	OLIV WIIO OI III	o. rui	10 /0	
C1582													(00, 0/11, 2/1)
C1582 1-127-820-11 CERAMIC CHIP 4.7bf 10% 16V 1016-848-11 C158-868-311 ELECT 4.7bf 20% 50V C1585 1-162-964-11 CERAMIC CHIP 0.021bf 10% 50V C1585 1-162-964-11 CERAMIC CHIP 0.001bf 10% 25V C1586 1-100-245-21 CERAMIC CHIP 0.001bf 10% 50V C1586 1-162-964-11 CERAMIC CHIP 0.001bf 10% 50V C1589 1-162-964-11 CERAMIC CHIP 0.001bf 10% 50V C1590 C1590 1-100-245-21 CERAMIC CHIP 0.001bf 10% 250V C1590 1-100-245-21 CERAMIC CHIP 0.001bf 10% 250V C1590 1-162-964-11 CERAMIC CHIP 0.001bf 10% 50V C1590 C1411 6-802-966-01 D122J056M0L D122	0.00.	0_0	02.0 0 0		.0,0					< CONNECTOR :	>		
C1585	C1582	1-127-820-11	CERAMIC CHIP	4.7uF	10%	16V							
C1585 1-162-964-11 CERAMIC CHIP 0.001uF 10% 50V EXCEPT US) C1587 1-100-245-21 CERAMIC CHIP 0.001uF 10% 250V C1588 1-164-8294-11 CERAMIC CHIP 0.001uF 10% 250V C1589 1-162-964-11 CERAMIC CHIP 0.001uF 10% 250V C		1-126-963-11		4.7uF	20%	50V		CN1400	1-842-784-11	CONNECTOR, B	OARD TO B	OARD	14P
(EXCEPT US) C1586 1-100-245-21 CERAMIC CHIP 0.001uF 10% 250V C1588 1-16-452-91 CERAMIC CHIP 0.022uF 10% 50V (US) C1589 1-16-452-91 CERAMIC CHIP 0.001uF 10% 50V (US) C1590 1-100-245-21 CERAMIC CHIP 0.001uF 10% 250V C1590 1-100-245-21 CERAMIC CHIP 0.001uF 10% 250V C1590 1-100-245-21 CERAMIC CHIP 0.001uF 10% 250V C1592 1-16-452-91 CERAMIC CHIP 0.001uF 10% 250V C1592 1-16-452-91 CERAMIC CHIP 0.001uF 10% 50V (US) C1605 1-128-964-11 ELECT 10uF 20% 50V (US) C1606 1-128-964-11 ELECT 10uF 20% 50V (US) C1607 1-128-964-11 ELECT 10uF 20% 50V (US) C1608 1-128-964-11 ELECT 10uF 20% 50V (US) C1616 1-16-4882-11 CERAMIC CHIP 0.00 10F 20% 50V (US) C1616 1-16-4882-11 CERAMIC CHIP 0.00 10F 20% 50V (US) C1617 1-10-623-91 CERAMIC CHIP 0.0 1uF 10% 100V 11420 6-502-961-01 DI DA2;10100L C1616 1-10-623-91 CERAMIC CHIP 0.0 1uF 10% 100V 11420 6-502-961-01 DI DA2;10100L C1617 1-10-623-91 CERAMIC CHIP 0.0 1uF 10% 100V 11426 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1618 1-10-623-91 CERAMIC CHIP 0.0 1uF 10% 100V 11426 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1619 1-10-889-81 CERAMIC CHIP 0.0 1uF 10% 10V 11426 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1620 1-10-597-91 CERAMIC CHIP 0.1 1uF 10% 50V D1428 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1621 1-10-589-81 CERAMIC CHIP 0.1 1uF 10% 50V D1428 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1622 1-125-898-11 CERAMIC CHIP 0.1 1uF 10% 50V D1428 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1623 1-125-898-11 CERAMIC CHIP 0.1 1uF 10% 50V D1438 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1624 1-125-898-11 CERAMIC CHIP 0.1 1uF 10% 50V D1438 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1626 1-125-898-11 CERAMIC CHIP 0.1 1uF 10% 50V D1438 6-5	C1585	1-116-452-91	CERAMIC CHIP	0.022uF	10%	50V (US)		CN1401	1-842-784-11	CONNECTOR, B	OARD TO B	OARD	14P
C1586	C1585	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	*	CN1404	1-564-506-11	PLUG, CONNEC	TOR 3P		
C1587 1-100-245-21 CERAMIC CHIP 0.001uF 10% 250V C1588 1-16-452-91 CERAMIC CHIP 0.022uF 10% 50V D1407 6-502-976-01 D1 DZ2J150M0L D122J150M0L D1408 6-502-976-01 D1 DZ2J150M0L D122J150M0L D1408 6-502-976-01 D1 DZ2J150M0L D1408 6-502-976-01 D1 DZ2J050M0L D1408 C502-976-01 D1 DZ2J050M0L D1408 C502-976-01 D1 DZ2J050M0L D1408 C502-976-01 D1 DZ2J050M0L D1408 C502-976-01 D1 DZ2J050M0L D1408 D140						(EXCEPT US)	*	CN1405	1-564-506-11	PLUG, CONNEC	TOR 3P		
C1588 1-100-245-21 CERAMIC CHIP 0.001uF 0.001u	C1586	1-100-245-21	CERAMIC CHIP	0.001uF	10%	250V							
C1588 1-16-452-91 CERAMIC CHIP 0.021 10% 50V (US) CECEPT US) (EXCEPT US) (EXCEPT US) 1-16-452-91 CERAMIC CHIP 0.001 10% 50V (EXCEPT US) (E	0.4505		0=0.1.00 0.00	0.004 =	400/	0=01/				< DIODE >			
C1588 1-162-964-11 CERAMIC CHIP 0.001uF 10% 50V CEXCEPT US) D1407 6-502-970-01 D1D22J05MMD D1408 6-502-970-01 D122J05MMD D1408								D4400	0 500 070 04	DI D70 14 F01 401			
C1589													
C1589 1-162-964-11 CERAMIC CHIP 0.001uF 10% 50V US)	C 1300	1-102-904-11	CERAIVIIC CHIP	0.00 TuF									
C1589	C1580	1_116_/152_01	CERAMIC CHIP	0.022uE									
C1590						٠,							
C1590 1-100-245-21 CERAMIC CHIP 0.001uF 10% 250V D1413 6-502-966-01 D1D22J056M0L D1412 6-503-042-01 D1D22J056M0L D1413 6-502-974-01 D1D22J05M0L D1413 6-502-975-01 D1D2M2D23B-075-01 D1D23D2B-075-01 D1D23D2B-075-01 D1D23D2B-075-01 D1D23D2B-075-01 D1D23D2B-075-01 D1D23D2B-075-01 D1D23D2B-075-01 D1D23D2B-075	01000	1 102 304 11	OLIV WIIO OI III	0.00141				DITIO	0 002 000 01	DI DZZ0000INOL			
C1591						(=:::=::::)		D1411	6-502-966-01	DI DZ2J056M0L			
C1592	C1590	1-100-245-21	CERAMIC CHIP	0.001uF	10%	250V		D1412	6-503-042-01	DI DZ2J330M0L			
C1592	C1591	1-100-245-21	CERAMIC CHIP	0.001uF	10%	250V		D1413	6-502-974-01	DI DZ2J140M0L			
C1605			CERAMIC CHIP					D1414	6-500-334-01	DIODE MC2836	-T112-1		
C1605	C1592	1-162-964-11	CERAMIC CHIP	0.001uF				D1415	6-502-961-01	DI DA2J10100L			
C1606 1-126-964-11 ELECT 10uF 20% 50V D1419 6-502-961-01 DI DA2J10100L C1607 1-126-964-11 ELECT 10uF 20% 50V D1420 6-502-961-01 DI DA2J10100L C1608 1-126-964-11 ELECT 10uF 20% 50V D1420 6-502-961-01 DI DA2J10100L C1614 1-164-935-11 CERAMIC CHIP 470PF 10% 50V D1421 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1423 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1425 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1426 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1428 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1438 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1438 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI C	0.400=		=: ===			'		D	0 =00 004 04	D. D. O			
C1606	C1605	1-126-964-11	ELECT	10uF	20%	50V							
C1607 1-126-964-11 ELECT 10uF 20% 50V D1420 6-502-961-01 D1 DA2J10100L C1608 1-126-964-11 ELECT 10uF 20% 50V D1421 6-503-775-01 D1 CRH02 (T5R,SONY,XM) D1421 1-164-935-11 CERAMIC CHIP 33PF 5% 50V D1422 6-503-775-01 D1 CRH02 (T5R,SONY,XM) D1423 6-503-775-01 D1 CRH02 (T5R,SONY,XM) D1424 6-503-775-01 D1 CRH02 (T5R,SONY,XM) D1425 6-503-775-01 D1 CRH02 (T5R,SONY,XM) D1426 6-503-775-01 D1 CRH02 (T5R,SONY,XM) D1426 6-503-775-01 D1 CRH02 (T5R,SONY,XM) D1427 6-503-775-01 D1 CRH02 (T5R,SONY,XM) D1428 6-503-775-01 D1 CRH02 (T5R,SONY,XM) D1438 6-500-335-01 D1 D1 D1 D22J06200L D1 D	C1606	1 100 004 11	FLECT	10	200/	E0\/							
C1608 1-126-964-11 ELECT 10uF 20% 50V C1614 1-164-935-11 CERAMIC CHIP 470FF 10% 50V C1615 1-164-862-11 CERAMIC CHIP 33PF 5% 50V D1422 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1423 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1424 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1425 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1426 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1427 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1428 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1438 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1439 6-503-775-01 DI DI CRH02 (T5R,SONY,XM) D1439 6-503-775-01 DI DI DI DE MC2838-T112-1 D1													
C1614 1-164-935-11 CERAMIC CHIP 470PF 10% 50V C1615 1-164-862-11 CERAMIC CHIP 33PF 5% 50V D1422 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1423 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1424 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1425 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1426 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1426 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1426 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1427 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1428 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1439 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1439 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1438 6-502-967-01 DI DI D1											(MY VIA)		
C1615 1-164-862-11 CERAMIC CHIP 33PF 5% 50V D1422 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1616 1-100-623-91 CERAMIC CHIP 0.1uF 10% 100V D1424 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1617 1-100-623-91 CERAMIC CHIP 0.1uF 10% 100V D1425 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1618 1-107-826-11 CERAMIC CHIP 0.1uF 10% 16V D1426 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1619 1-107-826-11 CERAMIC CHIP 0.1uF 10% 16V C1620 1-100-597-91 CERAMIC CHIP 0.1uF 10% 25V D1427 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1624 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V D1430 6-500-335-01 DI CRH02 (T5R,SONY,XM) C1627 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V D1431 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1628 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V D1431 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1629 1-126-923-91 ELECT 220uF 20% 10V D1433 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1634 1-100-565-91 CERAMIC CHIP 0.47uF 10% 35V (E2, E51, MX, MY) C1635 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1438 6-502-967-01 DI DDE MC2838-T112-1 C1636 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1438 6-502-967-01 DI DDE MC2838-T112-1 C1639 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1434 6-503-335-01 DIODE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1434 6-503-335-01 DIODE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1434 6-502-961-01 DI DDE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1442 6-503-335-01 DIODE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1444 6-502-961-01 DI DDE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1444 6-502-961-01 DI DDE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1444 6-502-961-01 DI DDE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1444 6-502-961-01 DI DDE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1444 6-502-961-01 DI DDE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1444 6-502-961-01 DI DDE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1444 6-502-961-01 DI DDE MC2838-T112-1 C1640 1-162-970-11								D1421	0-303-773-01	DI CINI 102 (131X,C	OIVI, AIVI)		
C1616 1-100-623-91 CERAMIC CHIP 0.1uF 10% 100V D1424 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1424 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1425 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1426 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1428 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1438 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1439 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1438 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1438 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1438 6-503-35-01 DI DI								D1422	6-503-775-01	DI CRH02 (T5R S	SONY XM)		
C1616 1-100-623-91 CERAMIC CHIP 0.1uF 10% 100V D1424 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1617 1-100-623-91 CERAMIC CHIP 0.1uF 10% 100V D1425 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1425 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1426 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1426 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1426 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1428 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1430 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1431 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1431 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1432 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1432 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI DI D1440 6-503-775-01 D1 D1440 6-503-775-01 D1440 6-503-775-01 D1440 6-503-775-01 D1440 6-503					-,-					- ' ' ' ' '	- , ,		
C1618	C1616	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V							
C1619 1-107-826-11 CERAMIC CHIP 0.1uF 10% 16V C1620 1-100-597-91 CERAMIC CHIP 0.1uF 10% 25V D1427 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1428 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1429 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1430 6-500-335-01 DIODE MC2838-T112-1 D1431 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1431 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1432 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1433 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1435 6-500-335-01 DIODE MC2838-T112-1 D1438 6-502-967-01 DI DZ2J06200L D1439 6-502-970-01 DI DZ2J06200L D1439 6-502-970-01 DI DZ2J068M0L C1639 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V C1639 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1443 6-500-335-01 DIODE MC2838-T112-1 D1444 6-502-961-01 DI DA2J10100L	C1617	1-100-623-91	CERAMIC CHIP	0.1uF	10%	100V		D1425	6-503-775-01	DI CRH02 (T5R,S	SONY,XM)		
C1620 1-100-597-91 CERAMIC CHIP 0.1uF 10% 25V D1427 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1624 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V D1430 6-500-335-01 DI CRH02 (T5R,SONY,XM) C1626 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V D1431 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1627 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V D1431 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1628 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V D1432 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1629 1-126-923-91 ELECT 220uF 20% 10V D1433 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1634 1-100-565-91 CERAMIC CHIP 0.47uF 10% 35V (E2, E51, MX, MY) C1635 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1439 6-502-967-01 DI DZ2J06200L C1639 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1439 6-502-970-01 DI DZ2J068M0L C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1444 6-500-335-01 DIODE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1443 6-500-335-01 DIODE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1443 6-500-335-01 DIODE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1442 6-500-335-01 DIODE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1444 6-500-334-01 DIODE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1444 6-500-334-01 DIODE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1444 6-500-334-01 DIODE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1444 6-500-334-01 DIODE MC2836-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1444 6-500-334-01 DIODE MC2836-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1444 6-500-334-01 DIODE MC2836-T112-1	C1618	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V		D1426	6-503-775-01	DI CRH02 (T5R,S	SONY,XM)		
C1624 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V D1430 6-500-335-01 DIODE MC2838-T112-1 C1626 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V D1431 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1432 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1432 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI				0.1uF	10%								
C1624 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V D1430 6-500-335-01 DIODE MC2838-T112-1 C1626 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V D1431 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1432 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1432 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI	C1620	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V				, ,	, ,		
C1626 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V D1431 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1627 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V C1628 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V C1629 1-126-923-91 ELECT 220uF 20% 10V D1433 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI DI DE MC2838-T112-1 D1444 6-502-961-01 DI DA2J10100L													
C1627 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V C1628 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V C1629 1-126-923-91 ELECT 220uF 20% 10V D1433 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1434 6-503-375-01 DI DI DZ2J068MOL D1438 G-503-375-01 DI DI DZ2J068MOL D1439 G-502-967-01 DI DZ2J068MOL D1439 G-502-970-01 DI DZ2J068MOL D1439 G-502-970-01 DI DZ2J068MOL D1444 G-503-335-01 DI DI DZ2J068MOL D1444 G-503-335-01 D1444 G-503-3													
C1628 1-125-898-11 CERAMIC CHIP 0.22uF 10% 50V C1629 1-126-923-91 ELECT 220uF 20% 10V D1433 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1434 6-503-775-01 DI CRH02 (T5R,SONY,XM) D1435 6-500-335-01 DIODE MC2838-T112-1 D1035 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V C1638 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V C1639 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1439 6-502-970-01 DI DZ2J068M0L C1639 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1442 6-500-335-01 DIODE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1442 6-500-335-01 DIODE MC2838-T112-1 D1444 6-502-961-01 DI DA2J10100L										, ,	. ,		
C1629 1-126-923-91 ELECT 220uF 20% 10V D1433 6-503-775-01 DI CRH02 (T5R,SONY,XM) C1634 1-100-565-91 CERAMIC CHIP 0.47uF 10% 35V (E2, E51, MX, MY) C1635 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V C1638 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V C1639 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V C1640 1-162-970-11 D10DE MC2838-T112-1 C1640 1-162-970-11 D10DE MC2836-T112-1 C1640 1-162-970-11 D10DE MC2836-T112-1 C1640 1-162-970-11 D10DE MC2836-T112-1 C1640 1-162-970-11 D10DE MC2836-T112-1								D 1432	0-303-773-01	DI CKHUZ (15K,3	OINT, AIVI)		
C1634 1-100-565-91 CERAMIC CHIP 0.47uF 10% 35V (E2, E51, MX, MY) D1435 6-500-335-01 DIODE MC2838-T112-1 D1635 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V C1639 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1442 6-500-335-01 DIODE MC2838-T112-1 D1644 6-502-961-01 DI DZ2J068M0L D1439 6-502-970-01 DI DZ2J068M0L D1444 6-500-335-01 DI D1444								D1433	6-503-775-01	DI CRHO2 (TSR 9	(MX YMOS		
C1634 1-100-565-91 CERAMIC CHIP 0.47uF 10% 35V (E2, E51, MX, MY) D1435 6-500-335-01 DIODE MC2838-T112-1 D1438 6-502-967-01 DI DZ2J06200L D1439 6-502-970-01 DI DZ2J068M0L D1444 6-500-335-01 DI DZ2J068M0L D1444 6-500-335-01 DI DZ2J068M0L D1444 6-500-335-01 DI DZ2J068M0L D1444 6-500-335-01 D1444	01020	1 120-323-31	LLLOI	LLUUI	20 /0	1 U V				, ,	. ,		
C1635 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1438 6-502-967-01 DI DZ2J06200L D1439 6-502-970-01 DI DZ2J068M0L D1443 6-500-335-01 DI DZ2J068M0L D1443 6-500-335-01 DI DZ2J068M0L D1444 D1444 6-500-335-01 DI DZ2J068M0L D1444 D	C1634	1-100-565-91	CERAMIC CHIP	0.47uF	10%	35V							
C1635 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1439 6-502-970-01 DI DZ2J068M0L C1638 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V C1639 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1442 6-500-335-01 DIODE MC2838-T112-1 C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1443 6-500-334-01 DIODE MC2836-T112-1 D1444 6-502-961-01 DI DA2J10100L													
C1638 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V C1639 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1442 6-500-335-01 DIODE MC2838-T112-1 D1443 6-500-334-01 DIODE MC2836-T112-1 D1444 6-502-961-01 DI DA2J10100L	C1635	1-162-970-11	CERAMIC CHIP	0.01uF									
C1640 1-162-970-11 CERAMIC CHIP 0.01uF 10% 25V D1443 6-500-334-01 DIODE MC2836-T112-1 D1444 6-502-961-01 DI DA2J10100L													
D1444 6-502-961-01 DI DA2J10100L				0.01uF									
	C1640	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V					-T112-1		
C1643 1-100-597-91 CERAMIC CHIP 0.1uF 10% 25V D1448 6-500-335-01 DIODE MC2838-T112-1	0.40.15	4 400 =0= 0 :	0504110 5:115	0.4 =	4001	05.4					T440 4		
	C1643	1-100-597-91	CERAMIC CHIP	0.1u ⊢	10%	25V	I	1448	b-500-335-01	DIODE MC2838	-1112-1		

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description			Remark
D1449	6-500-334-01	DIODE MC2836-T112-1		Q1431 Q1432	6-551-270-01 6-551-270-01	TRANSISTOR TRANSISTOR	2SA2026 2SA2026		
D1450	6-502-961-01	DI DA2J10100L		Q 1432	0-331-270-01	TIVANOIOTOIX	20/12020		
D1451	6-502-961-01	DI DA2J10100L		Q1433	6-551-270-01	TRANSISTOR	2SA2026		
D1452	6-502-961-01	DI DA2J10100L		Q1439	8-729-620-07	TRANSISTOR	2SC3052E		
D1453	6-502-961-01	DI DA2J10100L		Q1441	8-729-036-86	TRANSISTOR	KTC3203Y		
				Q1443	8-729-620-07	TRANSISTOR	2SC3052E	F-T1-LEF	
		< IC >		Q1444	8-729-620-07	TRANSISTOR	2SC3052E	F-T1-LEF	
IC1400	8-759-982-17	IC RC7818FA		Q1445	8-729-620-07	TRANSISTOR	2SC3052E	F-T1-LEF	
IC1401	8-759-982-42	IC RC7918FA		Q1446	8-729-620-07	TRANSISTOR	2SC3052E	F-T1-LEF	
IC1402	6-717-191-01	IC KIA7812AF-RTF/PW		Q1447	8-729-620-07	TRANSISTOR	2SC3052E	F-T1-LEF	
IC1403	8-759-394-76	IC NJM2068M-D-TE2		Q1448	6-551-699-01	TR ISA1602AM1	-T111-1EF		
IC1404	8-759-394-76	IC NJM2068M-D-TE2		Q1449	8-729-038-23	TRANSISTOR	RT1N1410	-TP-1	
IC1405	8-759-338-95	IC NJM2903V (TE2)		Q1451	6-552-681-01	TR RT3NDDM-T	111-1		
IC1406	6-716-579-01	IC IRS2092STRPBF		Q1453	8-729-027-23	TRANSISTOR	DTA114EK	A-T146	
IC1407	6-716-579-01	IC IRS2092STRPBF		Q1454	8-729-620-07	TRANSISTOR	2SC3052E		
IC1408	6-716-579-01	IC IRS2092STRPBF		Q1455	8-729-620-07	TRANSISTOR	2SC3052E		
IC1409	6-716-579-01	IC IRS2092STRPBF		Q1456	8-729-620-07	TRANSISTOR	2SC3052E	F-T1-LEF	
IC1410	6-717-488-01	IC BA4580RF-E2		Q1457	8-729-620-07	TRANSISTOR	2SC3052E		
IC1411	6-717-488-01	IC BA4580RF-E2		Q1458	8-729-027-23	TRANSISTOR	DTA114EK		
				Q1460	8-729-027-23	TRANSISTOR	DTA114EK	A-T146	
		< COIL >		Q1469	6-551-268-01	TRANSISTOR	2SC5625		
				Q1470	8-729-027-23	TRANSISTOR	DTA114EK	A-T146	
L1400	1-481-819-11	INDUCTOR 22uH		04475	0.700.000.00	TRANSISTOR	DTANAAA	TD 4	
L1401	1-481-819-11	INDUCTOR 22uH		Q1475	8-729-038-23	TRANSISTOR	RT1N1410		
L1402 L1403	1-481-819-11 1-481-819-11	INDUCTOR 22uH INDUCTOR 22uH		Q1476	8-729-036-86	TRANSISTOR	KTC3203Y	-AI	
L1403	1-457-078-11	AIR-CORE COIL				< RESISTOR >			
L1405	1-457-078-11	AIR-CORE COIL		R1409	1-216-845-11	METAL CHIP	100K	5%	1/10W
L1406	1-457-078-11	AIR-CORE COIL		R1410	1-216-845-11	METAL CHIP	100K	5%	1/10W
L1407	1-457-078-11	AIR-CORE COIL		R1412	1-216-845-11	METAL CHIP	100K	5%	1/10W
L1408	1-414-406-11	INDUCTOR 220uH		R1413 R1426	1-216-845-11 1-227-869-21	METAL CHIP METAL CHIP	100K 100	5% 5%	1/10W 1/2W
		< TRANSISTOR >		K1420	1-221-009-21	WE TAL CHIP	100	370	1/200
				R1429	1-227-869-21	METAL CHIP	100	5%	1/2W
Q1400	8-729-036-86	TRANSISTOR KTC3203Y-AT		R1430	1-215-892-11	METAL OXIDE	1K	5%	2W
Q1401	6-551-268-01	TRANSISTOR 2SC5625		R1435	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q1402	6-551-690-01	TRANSISTOR RT3N11M-TP-1		R1436	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q1403	6-552-812-01	TR KTC1027-Y-AT/P		R1437	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q1404	6-552-810-01	TR KTA1023-Y-AT/P		D4420	4 040 000 44	METAL CLUD	101/	E0/	4/40\4/
01405	6-551-690-01	TDANICICTOD DT2NI41M TD 4		R1438 R1439	1-216-833-11	METAL CHIP	10K	5%	1/10W 1/10W
Q1405 Q1407	6-551-693-01	TRANSISTOR RT3N11M-TP-1 TRANSISTOR RT3T11M-TP-1		R1439	1-216-838-11 1-216-838-11	METAL CHIP METAL CHIP	27K 27K	5% 5%	1/10W
Q1407 Q1410	6-551-699-01	TR ISA1602AM1-T111-1EF		R1440	1-216-838-11		27K 27K	5% 5%	1/10W
Q1410 Q1411	6-551-699-01	TR ISA1602AM1-T111-1EF		R1441	1-216-838-11	METAL CHIP METAL CHIP	27K 27K	5% 5%	1/10W
Q1412	6-551-699-01	TR ISA1602AM1-T111-1EF		111442	1-210-030-11	METAL OTH	2110	370	1/1000
	_			R1443	1-216-846-11	METAL CHIP	120K	5%	1/10W
Q1413	6-551-699-01	TR ISA1602AM1-T111-1EF		R1444	1-216-846-11	METAL CHIP	120K	5%	1/10W
Q1414	6-551-272-01	TRANSISTOR RT3CLLM		R1445	1-216-845-11	METAL CHIP	100K	5%	1/10W
Q1415	6-551-272-01	TRANSISTOR RT3CLLM		R1446	1-216-845-11	METAL CHIP	100K	5%	1/10W
Q1416	6-551-272-01	TRANSISTOR RT3CLLM		R1447	1-216-845-11	METAL CHIP	100K	5%	1/10W
Q1417	6-551-272-01	TRANSISTOR RT3CLLM		R1448	1-216-845-11	METAL CHIP	100K	5%	1/10W
Q1418	6-552-698-01	TR IRF6775MTR1PBF		R1449	1-216-845-11	METAL CHIP	100K	5%	1/10W
Q1419	6-552-698-01	TR IRF6775MTR1PBF		R1450	1-216-845-11	METAL CHIP	100K	5%	1/10W
Q1410	6-552-698-01	TR IRF6775MTR1PBF		R1451	1-218-990-81	SHORT CHIP	0	0.70	.,
Q1421	6-552-698-01	TR IRF6775MTR1PBF		R1457	1-216-821-11	METAL CHIP	1K	5%	1/10W
Q1422	6-552-698-01	TR IRF6775MTR1PBF							
O1400	6-552-698-01	TD IDE6776MTD1DDE		R1458	1-216-809-11	METAL CHIP	100	5%	1/10W
Q1423 Q1424	6-552-698-01	TR IRF6775MTR1PBF TR IRF6775MTR1PBF		R1459 R1460	1-216-809-11 1-216-809-11	METAL CHIP METAL CHIP	100 100	5% 5%	1/10W 1/10W
Q1424 Q1425	6-552-698-01	TR IRF6775MTR1PBF		R1460	1-216-809-11	METAL CHIP	100	5% 5%	1/10W
Q1425 Q1426	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R1462	1-216-793-11	METAL CHIP	4.7	5%	1/10W
Q1427	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF							
A	0 =00 000	TR		R1463	1-216-793-11	METAL CHIP	4.7	5%	1/10W
Q1428	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF		R1464	1-216-793-11	METAL CHIP	4.7	5%	1/10W
Q1429	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	-	R1465	1-216-793-11	METAL CHIP	4.7	5%	1/10W
Q1430	6-551-270-01	TRANSISTOR 2SA2026		R1468	1-216-793-11	METAL CHIP	4.7	5%	1/10W

Dof No	Part No.	Description			Domark	Dof No	Part No.	Description			Domark
Ref. No.	Part No.	<u>Description</u>			Remark	Ref. No.		Description			Remark
R1469	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R1532	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W
R1470	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R1533	1-218-971-11	METAL CHIP	33K	5%	1/16W
R1471	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R1534	1-218-869-11	METAL CHIP	8.2K	0.5%	1/10W
R1473	1-218-965-11	METAL CHIP	10K	5%	1/16W	R1535	1-208-695-11	METAL CHIP	3.3K	0.5%	1/16W
R1474	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W	R1536	1-218-869-11	METAL CHIP	8.2K	0.5%	1/10W
R1475	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1537	1-208-695-11	METAL CHIP	3.3K	0.5%	1/16W
R1476	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1538	1-218-869-11	METAL CHIP	8.2K	0.5%	1/10W
R1477 R1478	1-216-833-11 1-216-833-11	METAL CHIP METAL CHIP	10K 10K	5% 5%	1/10W 1/10W	R1539 R1540	1-208-695-11 1-218-869-11	METAL CHIP METAL CHIP	3.3K 8.2K	0.5% 0.5%	1/16W 1/10W
R1476	1-218-847-11	METAL CHIP	1K	0.5%	1/10W	R1540 R1541	1-218-695-11	METAL CHIP	3.3K	0.5%	1/16W
R1481	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1542	1-218-965-11	METAL CHIP	10K	5%	1/16W
					.,						
R1482	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1543	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1483	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1544	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1484	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1545	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1485 R1486	1-216-827-11 1-218-981-91	METAL CHIP METAL CHIP	3.3K 220K	5%	1/10W 1/16W	R1546 R1547	1-216-839-11 1-216-839-11	METAL CHIP METAL CHIP	33K 33K	5% 5%	1/10W 1/10W
K1400	1-210-901-91	WE TAL CHIP	ZZUN	5%	1/ 1000	K1347	1-210-039-11	WE TAL CHIP	SSK	370	1/1000
R1487	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R1548	1-218-977-11	METAL CHIP	100K	5%	1/16W
R1488	1-218-981-91	METAL CHIP	220K	5%	1/16W	R1549	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1489	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R1550	1-218-977-11	METAL CHIP	100K	5%	1/16W
R1490	1-218-981-91	METAL CHIP	220K	5%	1/16W	R1551	1-216-839-11	METAL CHIP	33K	5%	1/10W
R1491	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R1554	1-216-793-11	METAL CHIP	4.7	5%	1/10W
D1400	1 010 001 01	METAL CLUD	2201/	E0/	1/16\\\	D1555	1-216-793-11	METAL CLUD	4.7	E0/	1/10W
R1492 R1494	1-218-981-91 1-216-825-11	METAL CHIP METAL CHIP	220K 2.2K	5% 5%	1/16W 1/10W	R1555 R1556	1-216-793-11	METAL CHIP METAL CHIP	4.7 4.7	5% 5%	1/10W
R1495	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1557	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R1496	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1558	1-216-797-11	METAL CHIP	10	5%	1/10W
R1497	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R1559	1-216-797-11	METAL CHIP	10	5%	1/10W
R1498	1-216-837-11	METAL CHIP	22K	5%	1/10W	R1560	1-216-797-11	METAL CHIP	10	5%	1/10W
R1499 R1500	1-216-837-11 1-216-837-11	METAL CHIP METAL CHIP	22K 22K	5% 5%	1/10W 1/10W	R1561 R1562	1-216-797-11 1-208-699-11	METAL CHIP METAL CHIP	10 4.7K	5% 0.5%	1/10W 1/16W
R1500	1-216-837-11	METAL CHIP	22K 22K	5% 5%	1/10W	R1563	1-208-699-11	METAL CHIP	4.7K 4.7K	0.5%	1/16W
R1502	1-216-841-11	METAL CHIP	47K	5%	1/10W	R1564	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
				0,0	.,		. 200 000			0.070	.,
R1503	1-216-841-11	METAL CHIP	47K	5%	1/10W	R1565	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W
R1504	1-216-841-11	METAL CHIP	47K	5%	1/10W	R1566	1-216-801-11	METAL CHIP	22	5%	1/10W
R1505	1-216-841-11	METAL CHIP	47K	5%	1/10W	R1567	1-216-801-11	METAL CHIP	22	5%	1/10W
R1506 R1507	1-208-671-11 1-208-671-11	METAL CHIP METAL CHIP	330 330	0.5% 0.5%	1/16W 1/16W	R1568 R1569	1-216-801-11 1-216-801-11	METAL CHIP METAL CHIP	22 22	5% 5%	1/10W 1/10W
1(1507	1-200-07 1-11	IVIL TAL CITII	330	0.570	1/1044	1(1505	1-210-001-11	WILLIAL CITII	22	J /0	1/1044
R1508	1-208-671-11	METAL CHIP	330	0.5%	1/16W	R1570	1-216-801-11	METAL CHIP	22	5%	1/10W
R1509	1-208-671-11	METAL CHIP	330	0.5%	1/16W	R1571	1-216-801-11	METAL CHIP	22	5%	1/10W
R1510	1-248-057-81	METAL CHIP	1K	0.5%	1/16W	R1572	1-216-801-11	METAL CHIP	22	5%	1/10W
R1511	1-248-057-81	METAL CHIP	1K	0.5%	1/16W	R1573	1-216-801-11	METAL CHIP	22	5%	1/10W
R1512	1-248-057-81	METAL CHIP	1K	0.5%	1/16W	R1574	1-216-797-11	METAL CHIP	10	5%	1/10W
R1513	1-248-057-81	METAL CHIP	1K	0.5%	1/16W	R1575	1-216-797-11	METAL CHIP	10	5%	1/10W
R1514	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W	R1576	1-216-797-11	METAL CHIP	10	5%	1/10W
R1515	1-218-958-11	METAL CHIP	2.7K	5%	1/16W	R1577	1-216-797-11	METAL CHIP	10	5%	1/10W
R1516	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W	R1578	1-250-312-21	METAL CHIP	10	5%	1/2W
R1517	1-218-958-11	METAL CHIP	2.7K	5%	1/16W	R1579	1-250-312-21	METAL CHIP	10	5%	1/2W
R1518	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W	D1500	1-250-312-21	METAL CHIP	10	5%	1/2W
R1510	1-218-958-11	METAL CHIP	2.7K	5%	1/16W	R1580 R1581	1-250-312-21	METAL CHIP	10	5%	1/2VV 1/2W
R1520	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W	R1582	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1521	1-218-958-11	METAL CHIP	2.7K	5%	1/16W	R1583	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1522	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W	R1584	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1523	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W	R1585	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1524	1-218-971-11	METAL CHIP	33K	5% 0.5%	1/16W	R1586	1-216-845-11	METAL CHIP	100K	5% 5%	1/10W 1/10W
R1525 R1526	1-208-699-11 1-208-905-11	METAL CHIP METAL CHIP	4.7K 5.6K	0.5% 0.5%	1/16W 1/16W	R1587 R1588	1-216-821-11 1-216-821-11	METAL CHIP METAL CHIP	1K 1K	5% 5%	1/10W
R1527	1-218-971-11	METAL CHIP	33K	5%	1/16W	R1589	1-216-821-11	METAL CHIP	1K	5% 5%	1/10W
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R1528	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W	R1592	1-257-172-91	METAL CHIP	100	5%	1/3W
R1529	1-208-905-11	METAL CHIP	5.6K	0.5%	1/16W	R1594	1-257-172-91	METAL CHIP	100	5%	1/3W
R1530	1-218-971-11	METAL CHIP	33K	5%	1/16W	R1595	1-216-809-11	METAL CHIP	100	5%	1/10W
R1531	1-208-699-11	METAL CHIP	4.7K	0.5%	1/16W	R1599	1-216-809-11	METAL CHIP	100	5%	1/10W

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R1600	1-216-809-11	METAL CHIP	100	5%	1/10W	R1704	1-216-842-11	METAL CHIP	56K	5%	1/10W
K1000	1-210-009-11	WE TAL CHIP	100	5%	1/1000	K1704	1-210-042-11	WE IAL CHIP	SOK	3%	1/1000
R1601	1-216-809-11	METAL CHIP	100	5%	1/10W	R1705	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1602	1-216-222-00	RES-CHIP	10K	0.5%	1/8W	R1706	1-216-842-11	METAL CHIP	56K	5%	1/10W
R1603	1-216-222-00	RES-CHIP	10K	0.5%	1/8W	R1707	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1604 R1607	1-216-222-00 1-216-845-11	RES-CHIP METAL CHIP	10K 100K	0.5% 5%	1/8W 1/10W	R1708 R1709	1-216-837-11 1-216-847-11	METAL CHIP METAL CHIP	22K 150K	5% 5%	1/10W 1/10W
K1001	1-210-045-11	WE TAL OHIP	IUUK	370	1/1000	K1709	1-210-047-11	WE TAL CHIP	130K	3%	1/1000
R1608	1-216-845-11	METAL CHIP	100K	5%	1/10W	R1710	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1610	1-216-222-00	RES-CHIP	10K	0.5%	1/8W	R1711	1-216-847-11	METAL CHIP	150K	5%	1/10W
R1611	1-216-222-00	RES-CHIP	10K	0.5%	1/8W	R1715	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1612	1-216-222-00	RES-CHIP	10K	0.5%	1/8W	R1716	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1613	1-216-222-00	RES-CHIP	10K	0.5%	1/8W	R1717	1-216-847-11	METAL CHIP	150K	5%	1/10W
R1614	1-216-222-00	RES-CHIP	10K	0.5%	1/8W	R1718	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1618	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1728	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1619	1-216-843-11	METAL CHIP	68K	5%	1/10W	R1729	1-216-847-11	METAL CHIP	150K	5%	1/10W
R1620	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1731	1-216-819-11	METAL CHIP	680	5%	1/10W
R1621	1-216-843-11	METAL CHIP	68K	5%	1/10W	R1736	1-100-756-91	CERAMIC CHIP	0.047uF	10%	50V (US)
R1622	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1736	1-131-664-91	CERAMIC CHIP	0.15uF	10%	10V
R1625	1-216-821-11	METAL CHIP	1K	5%	1/10W						(SAF, EA)
R1630	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R1737	1-100-756-91	CERAMIC CHIP	0.047uF	10%	50V (US)
R1638	1-216-822-11	METAL CHIP	1.2K	5%	1/10W	R1744	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1642	1-216-851-11	METAL CHIP	330K	5%	1/10W	R1745 R1746	1-216-841-11 1-216-846-11	METAL CHIP METAL CHIP	47K 120K	5% 5%	1/10W 1/10W
R1643	1-216-851-11	METAL CHIP	330K	5%	1/10W	K1740	1-210-040-11	WE TAL CHIP	120K	3%	1/1000
R1644	1-216-851-11	METAL CHIP	330K	5%	1/10W	R1747	1-216-846-11	METAL CHIP	120K	5%	1/10W
R1645	1-216-851-11	METAL CHIP	330K	5%	1/10W	R1750	1-257-172-91	METAL CHIP	100	5%	1/3W
R1647	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1751	1-257-172-91	METAL CHIP	100	5%	1/3W
R1652	1-216-796-11	METAL CHIP	8.2	5%	1/10W	R1758	1-257-172-91	METAL CHIP	100	5%	1/3W
R1654	1-216-841-11	METAL CHIP	47K	5%	1/10W	R1759	1-257-172-91	METAL CHIP	100	5%	1/3W
R1655	1-216-796-11	METAL CHIP	8.2	5% 5%	1/10W	R1760	1-257-172-91	METAL CHIP	100	5%	1/3W
R1657	1-216-845-11	METAL CHIP	100K	5%	1/10W	R1761	1-257-172-91	METAL CHIP	100	5%	1/3W
R1660	1-216-838-11	METAL CHIP	27K	5%	1/10W	R1762	1-257-172-91	METAL CHIP	100	5%	1/3W
R1661	1-216-838-11	METAL CHIP	27K	5%	1/10W	R1763	1-257-172-91	METAL CHIP	100	5%	1/3W
D4000	1 200 001 11	METAL CLUD	0.01/	0.50/	1/16W	R1764	1-257-172-21	RES, CHIP	100 (3216)		
R1662 R1663	1-208-691-11 1-208-691-11	METAL CHIP METAL CHIP	2.2K 2.2K	0.5% 0.5%	1/16W	R1765	1-257-172-21	RES, CHIP	100 (3216)		
R1664	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W	R1771	1-216-864-11	SHORT CHIP	0		
R1665	1-208-691-11	METAL CHIP	2.2K	0.5%	1/16W	R1772	1-216-797-11	METAL CHIP	10	5%	1/10W
R1667	1-216-845-11	METAL CHIP	100K	5%	1/10W	R1774	1-216-797-11	METAL CHIP	10	5%	1/10W
D4000	1 010 015 11	METAL OLUB	10016	5 0/	4 (40) 4 (R1775	1-216-796-11	METAL CHIP	8.2	5%	1/10W
R1668 R1669	1-216-845-11 1-216-845-11	METAL CHIP METAL CHIP	100K	5% 5%	1/10W 1/10W	R1780	1-216-846-11	METAL CHIP	120K	5%	1/10W
R1670	1-216-845-11	METAL CHIP	100K 100K	5% 5%	1/10W	R1781	1-257-172-21	RES, CHIP	100 (3216)	3%	1/1000
R1671	1-216-845-11	METAL CHIP	100K	5%	1/10W	R1782	1-257-172-21	RES, CHIP	100 (3216)		
R1672	1-215-892-11	METAL OXIDE	1K	5%	2W	R1783	1-257-172-21	RES, CHIP	100 (3216)		
						R1784	1-257-172-21	RES, CHIP	100 (3216)		
R1673 R1676	1-216-809-11 1-215-892-11	METAL CHIP METAL OXIDE	100 1K	5% 5%	1/10W 2W	R1785	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1676	1-215-692-11	METAL OXIDE	100K	5% 5%	1/10W	R1806	1-216-838-11	METAL CHIP	27K	5% 5%	1/10W
R1680	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1807	1-216-838-11	METAL CHIP	27K	5%	1/10W
R1681	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1808	1-216-838-11	METAL CHIP	27K	5%	1/10W
						R1812	1-216-797-11	METAL CHIP	10	5%	1/10W
R1682	1-216-843-11	METAL CHIP	68K	5%	1/10W	D4042	1 010 707 11	METAL CLUD	10	F0/	4/40\4/
R1683 R1684	1-216-843-11 1-216-864-11	METAL CHIP SHORT CHIP	68K 0	5%	1/10W	R1813 R1814	1-216-797-11 1-216-797-11	METAL CHIP METAL CHIP	10 10	5% 5%	1/10W 1/10W
R1685	1-216-864-11	SHORT CHIP	0			R1815	1-216-797-11	METAL CHIP	10	5%	1/10W
R1686	1-216-864-11	SHORT CHIP	0						-		
								< TERMINAL >			
R1687	1-216-864-11	SHORT CHIP	0	F0/	1/10\4/	TD4400	4 700 000 44	TEDMINIAL SOCI	D (005 1175	D\	
R1688 R1689	1-216-833-11 1-216-833-11	METAL CHIP METAL CHIP	10K 10K	5% 5%	1/10W 1/10W	TB1400	1-780-886-11	TERMINAL BOAR (LOW SPEAKER	,	,	:40)
R1690	1-216-633-11	METAL CHIP	10K 10K	5% 5%	1/10W	TB1401	1-780-897-11	TERMINAL BOAR			. 722)
R1691	1-216-833-11	METAL CHIP	10K	5%	1/10W	.5.701		(HIGH SPEAKER		,	Ξ 4Ω)
								,			,
R1693	1-227-869-21	METAL CHIP	100	5%	1/2W			< THERMISTOR >	•		
R1694	1-227-869-21	METAL CHIP	100	5%	1/2W	T114400	1 004 045 44	THEDMICTOR			
R1698 R1701	1-216-864-11 1-216-864-11	SHORT CHIP SHORT CHIP	0			TH1400 TH1401	1-804-045-11 1-804-045-11	THERMISTOR THERMISTOR			
IXIIVI	1-2 10-004-11	OFFICIAL OFFIC	U		ı	1111401	1-00 1- 04J-11	TILINING TOR			

HCD-SH2000 Ver. 1.3 DAMP DISPLAY DMB21

	Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
			THERMISTOR					1-216-296-11		0		
	TH1402 TH1403	1-804-045-11 1-804-045-11	THERMISTOR				JR916 JR917	1-216-296-11	SHORT CHIP SHORT CHIP	0		
**			1	******	*****	*****	JR917 JR918	1-216-296-11	SHORT CHIP	0		
							011010	1 210 200 11	CHOIL OIM	v		
			DISPLAY BOARD)			JR919	1-216-296-11	SHORT CHIP	0		
			*******				JR920	1-216-296-11	SHORT CHIP	0		
							JR921	1-216-296-11	SHORT CHIP	0		
			< CAPACITOR >				JR922	1-216-296-11	SHORT CHIP	0		
							JR923	1-216-864-11	SHORT CHIP	0		
	C901	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V	10004	4 040 000 44	OLIOPT OLUP	0		
	C902	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V	JR924	1-216-296-11	SHORT CHIP	0		
	C907 C908	1-100-597-91 1-126-513-11	CERAMIC CHIP ELECT	0.1uF 47uF	10% 20%	25V 6.3V			< COIL >			
	C900	1-162-960-11	CERAMIC CHIP	220PF	10%	50V			\ COIL >			
	0010	1 102 300 11	OLIV WIIO OI III	22011	1070	00 0	L900	1-412-541-21	INDUCTOR	220uH		
	C918	1-127-804-91	CERAMIC CHIP	100PF	1%	50V						
	C920	1-127-804-91	CERAMIC CHIP	100PF	1%	50V			< TRANSISTOR	>		
	C925	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V						
	C926	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	Q900	6-551-272-01	TRANSISTOR	RT3CLLM		
	C930	1-128-131-11	ELECT	22uF	20%	50V	Q901	6-551-272-01	TRANSISTOR	RT3CLLM		
							Q902	8-729-620-07	TRANSISTOR	2SC3052E		
	C952	1-114-868-11	CERAMIC CHIP	0.1uF	10%	50V	Q904	8-729-620-07	TRANSISTOR	2SC3052E	F-T1-LEF	
	C953	1-126-786-11	ELECT	47uF	20%	16V	Q906	6-553-083-01	TR PBSS4160T			
	C956	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V	0007	0.550.000.04	TD DD004400T			
	C957 C958	1-163-021-91 1-126-966-11	CERAMIC CHIP ELECT	0.01uF 33uF	10% 20%	50V 50V	Q907	6-553-083-01	TR PBSS4160T			
	C930	1-120-900-11	ELECT	SSUF	20%	30 V			< RESISTOR >			
	C959	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V			'ILOIOTOIC'			
			02.0	0.14.			R900	1-216-801-11	METAL CHIP	22	5%	1/10W
			< CONNECTOR :	>			R901	1-216-845-11	METAL CHIP	100K	5%	1/10W
							R902	1-216-813-11	METAL CHIP	220	5%	1/10W
*	CN900	1-564-726-11	PIN, CONNECTO	R (SMALL T	YPE) 10P		R903	1-216-817-11	METAL CHIP	470	5%	1/10W
			4 DIODE S				R904	1-216-817-11	METAL CHIP	470	5%	1/10W
			< DIODE >				DOOL	1 010 001 11	METAL CLUD	417	F0/	4/40\\\
	D901	6-502-945-01	DI CRH01(TE85F	S (O)			R905	1-216-821-11	METAL CHIP	1K	5% 5%	1/10W
	D902	6-502-970-01	DI DZ2J068M0L	ι,ω)			R906 R907	1-216-821-11 1-216-821-11	METAL CHIP METAL CHIP	1K 1K	5% 5%	1/10W 1/10W
	D903	6-502-945-01	DI CRH01(TE85F	(Q.S			R908	1-216-821-11	METAL CHIP	1K	5% 5%	1/10W
	D904	6-502-945-01	DI CRH01(TE85F	. ,			R909	1-216-821-11	METAL CHIP	1K	5%	1/10W
	D905	6-502-945-01	DI CRH01(TE85F	. ,			11000	1 210 021 11	ME I/ LE OI III		070	171011
							R910	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
			< FLUORESCEN	T INDICATO	R TUBE >		R911	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
	EL 004	4 400 007 44	\/A O	ECOENT DI	0DL 4)/		R912	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
	FL901	1-483-367-11	VACUUM FLUOR	ESCENT DI	SPLAY		R913	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
			< IC >				R914	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
			107				R915	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
	IC901	6-717-584-01	IC PT6324-LQ				R916	1-216-821-11	METAL CHIP	1K	5% 5%	1/10W
	IC982	6-600-768-01	IC PNA4823M03	3S0			R917	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
							R918	1-216-839-11	METAL CHIP	33K	5%	1/10W
			< JUMPER RESIS	STOR >			R919	1-257-172-91	METAL CHIP	100	5%	1/3W
	ID 400	1 010 000 11	CLIODT CLIID	0								
	JR400 JR900	1-216-296-11	SHORT CHIP SHORT CHIP	0			R920	1-257-172-91	METAL CHIP	100	5%	1/3W
	JR900 JR901	1-216-296-11 1-216-296-11	SHORT CHIP	0			R922	1-216-864-11	SHORT CHIP	0		
	JR902	1-216-296-11	SHORT CHIP	0					TD050D5	_		
	JR903	1-216-296-11	SHORT CHIP	0					< TRANSFORME	:R >		
	0.1000		00	•			<u></u>	1-697-047-11	DC-DC CONVER	TED TDANG	EODMED	
	JR904	1-216-296-11	SHORT CHIP	0					********			
	JR905	1-216-296-11	SHORT CHIP	0								
	JR906	1-216-296-11	SHORT CHIP	0				A-1820-980-A	DMB21 BOARD,	COMPLETE		
	JR907	1-216-296-11	SHORT CHIP	0					******	*******	•	
	JR908	1-216-296-11	SHORT CHIP	0								
	JR909	1-216-296-11	SHORT CHIP	0					< CAPACITOR >			
	JR910	1-216-296-11	SHORT CHIP	0			0404	1 100 507 04	CEDAMIC OUIS	0.04	100/	251/
	JR911	1-216-296-11	SHORT CHIP	0			C101	1-100-567-81	CERAMIC CHIP	0.01uF 0.1uF	10% 10%	25V 10V
	JR912	1-216-296-11	SHORT CHIP	0			C102 C105	1-125-777-11 1-128-994-21	CERAMIC CHIP ELECT CHIP	0.1uF 47uF	10% 20%	10V 10V
	JR913	1-216-296-11	SHORT CHIP	0			C105	1-120-994-21	CERAMIC CHIP	47uF 0.01uF	10%	25V
							C108	1-162-970-11	CERAMIC CHIP	0.01uF 0.0015uF	10%	25V 50V
	JR914	1-216-296-11	SHORT CHIP	0			0.30		J J O	0.00 ioui	. 5 / 0	
	JR915	1-216-296-11	SHORT CHIP	0			C111	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V

Ref. No.	Part No.	Description			Remark	Ref. No	_	Part No.	Description			Remark
							_					
C112	1-128-994-21	ELECT CHIP	47uF	20%	10V	C224		1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C113	1-162-970-11 1-107-826-11	CERAMIC CHIP	0.01uF	10%	25V	C225 C226		1-164-937-11	CERAMIC CHIP	0.001uF 0.001uF	10%	50V 50V
C115 C116	1-107-626-11	CERAMIC CHIP	0.1uF 0.1uF	10% 10%	16V 16V	C226		1-164-937-11 1-162-968-11	CERAMIC CHIP	0.001uF 0.0047uF	10% 10%	50V 50V
CHO	1-107-020-11	CERAIVIIC CHIP	U.TUF	10 70	100	U233		1-102-900-11	CERAIVIIC CHIP	0.0047uF	1076	30 V
C118	1-124-779-00	ELECT CHIP	10uF	20%	16V	C602		1-165-492-21	ELECT CHIP	100uF	20%	10V
C119	1-137-710-91	CERAMIC CHIP	10uF	20%	6.3V	C603		1-165-492-21	ELECT CHIP	100uF	20%	10V
C124	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C604		1-165-492-21	ELECT CHIP	100uF	20%	10V
C125	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	* C608		1-114-582-11	CERAMIC CHIP	0.1uF	10%	16V
C126	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	C611		1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
0.40=		0=0.1440.0440		400/	0.017				0=0.1.00 0.00			4017
C127	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V	C620		1-107-820-81	CERAMIC CHIP	0.1uF		16V
C144	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	C621		1-107-820-81	CERAMIC CHIP	0.1uF 0.1uF		16V
C145 C146	1-100-567-81 1-112-717-91	CERAMIC CHIP	0.01uF 1uF	10% 10%	25V 6.3V	C622 C623		1-107-820-81 1-107-820-81	CERAMIC CHIP	0.1uF 0.1uF		16V 16V
C140	1-112-717-91	CERAMIC CHIP	0.01uF	10%	25V	C150		1-162-960-11	CERAMIC CHIP	220PF	10%	50V
0140	1 100 007 01	OLI V WIIO OI III	0.0101	1070	201	0100	7	1 102 300 11	OLIV WIIO OI III	22011	1070	00 V
C150	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	C150	5	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C151	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	C150	6	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C152	1-164-852-11	CERAMIC CHIP	12PF	5%	50V	C150	7	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C153	1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V	C151:		1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C154	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C151	3	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
0455	4 405 777 44	OEDAMIO OLUB	0.4 5	400/	40)/	0.400	^	4 407 000 04	OEDAMIO OLUB	0.4 5		401/
C155	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C460		1-107-820-81	CERAMIC CHIP	0.1uF		16V
C156	1-100-567-81 1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V 25V	C460 C460		1-107-820-81	CERAMIC CHIP	0.1uF		16V 16V
C160 C168	1-100-567-61	CERAMIC CHIP	0.01uF 0.1uF	10% 10%	25V 10V	C460		1-107-820-81 1-124-779-00	ELECT CHIP	0.1uF 10uF	20%	16V 16V
C166	1-125-777-11	CERAMIC CHIP	0.1uF 0.1uF	10%	10V 10V	C460		1-124-779-00	CERAMIC CHIP	100F 100PF	5%	50V
0103	1-125-111-11	CLIVAIVIIC CI III	o. rui	10 /0	10 V	0402	_	1-104-074-11	OLIVAIVIIO OTIII	10011	J /0	30 V
C172	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	C462	3	1-164-874-11	CERAMIC CHIP	100PF	5%	50V
C175	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	C462		1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C179	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C462	8	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C180	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C462	9	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C181	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C463	0	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C183	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V	C463		1-107-820-81	CERAMIC CHIP	0.1uF		16V
C185	1-128-994-21	ELECT CHIP	47uF	20%	10V	C463		1-107-820-81	CERAMIC CHIP	0.1uF	000/	16V
C188 C189	1-114-214-81 1-128-994-21	CERAMIC CHIP	470PF 47uF	5%	50V	C463		1-124-779-00	ELECT CHIP ELECT CHIP	10uF 10uF	20% 20%	16V 16V
C199	1-126-994-21	ELECT CHIP ELECT CHIP	47uF 100uF	20% 20%	10V 10V	C463		1-124-779-00 1-107-820-81	CERAMIC CHIP	0.1uF	20%	16V
0130	1-100-402-21	LLLOT OTTI	10001	2070	10 V	0400	J	1-107-020-01	OLIVAWIO OTIII	o. rui		10 V
C191	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C463	6	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C192	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	C463	7	1-107-820-81	CERAMIC CHIP	0.1uF		16V
C193	1-165-887-91	CERAMIC CHIP	0.22uF	10%	6.3V	C463		1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C195	1-165-887-91	CERAMIC CHIP	0.22uF	10%	6.3V	C463		1-164-860-11	CERAMIC CHIP	27PF	5%	50V
C197	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C464	0	1-164-862-11	CERAMIC CHIP	33PF	5%	50V
C198	1-112-717-91	CERAMIC CHIP	1uF	10%	6.3V	C464	1	1-112-746-11	CERAMIC CHIP	4.7uF	10%	6.3V
C198	1-112-717-91	CERAMIC CHIP	0.0047uF	10%	50V	C464		1-112-740-11	CERAMIC CHIP	4.7uF 10PF	0.5PF	50V
C203	1-102-900-11	CERAMIC CHIP	0.0047ui 0.01uF	10%	25V	C464		1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V
C205	1-164-882-11	CERAMIC CHIP	220PF	5%	16V	C464		1-124-779-00	ELECT CHIP	10uF	20%	16V
C206	1-164-882-11	CERAMIC CHIP	220PF	5%	16V	C464		1-107-820-81	CERAMIC CHIP	0.1uF	2070	16V
C208	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	C465	0	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V
C209	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V							
C210	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V				< CONNECTOR :	•		
C211	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V	CNIAO	14	4 045 700 00	CONNECTOR F	-C/EDC 04D		
C212	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	CN10		1-815-763-32	CONNECTOR, FI			
C213	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	CN10 CN10		1-770-470-21 1-784-865-51	PIN, CONNECTO CONNECTOR, FI			.D
C213	1-162-964-11	CERAMIC CHIP	0.01uF	10%	50V	CN10		1-770-161-21	PIN, CONNECTO			"
C214 C215	1-102-904-11	CERAMIC CHIP	0.001uF	10%	25V	CN20		1-770-161-21	CONNECTOR, FI	,	,)
C216	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V	01120	-	. 757 000-01	JO. 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	J (LII (1401	// //	
C217	1-117-681-11	ELECT CHIP	100uF	20%	16V	CN60)2	1-774-297-21	PIN, CONNECTO	R (PC BOAF	RD) 7P	
					-	CN11		1-770-160-21	PIN, CONNECTO			
C218	1-128-994-21	ELECT CHIP	47uF	20%	10V	CN46	604	1-784-865-51	CONNECTOR, FI			P
C219	1-100-567-81	CERAMIC CHIP	0.01uF	10%	25V							
C220	1-128-994-21	ELECT CHIP	47uF	20%	10V				< DIODE >			
C221	1-107-820-81	CERAMIC CHIP	0.1uF		16V	500:		0.500.040.04	DIODE MOSS	T440 :		
C222	1-107-820-81	CERAMIC CHIP	0.1uF		16V	D001		6-500-848-01	DIODE MC2840			
C223	1-107-820-81	CERAMIC CHIP	0.1uF		16V	D002 D003		6-500-848-01 6-500-848-01	DIODE MC2840 DIODE MC2840			
0223	1-101-020-01	OLIVAIVIIO OTIP	o. rui		104	י הייי		0-000-0 4 0-01	DIODE INICZ040	- i i i Z- i		

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
-			T440.4		<u>- 101110111</u>				00	E0/	
D004	6-500-848-01	DIODE MC2840				R121	1-216-801-11	METAL CHIP	22	5%	1/10W
D005	6-500-848-01	DIODE MC2840)-1112-1			R122	1-216-833-11	METAL CHIP	10K	5%	1/10W
		TEDMINIAL	10			R123	1-216-809-11	METAL CHIP	100	5%	1/10W
		< TERMINAL, LU	IG >			R124	1-216-841-11	METAL CHIP	47K	5%	1/10W
* ET001	1-780-408-11	TERMINAL, LUG				R125	1-216-833-11	METAL CHIP	10K	5%	1/10W
* ET002	1-780-408-11	TERMINAL, LUG				R133	1-218-990-81	SHORT CHIP	0	E0/	4/40/4/
* ET003	1-780-408-11	TERMINAL, LUG				R136	1-218-967-11	METAL CHIP	15K	5%	1/16W
* ET004	1-780-408-11	TERMINAL, LUG				R142	1-218-977-11	METAL CHIP	100K	5%	1/16W
		< FERRITE BEA	D >			R154	1-216-295-91	SHORT CHIP	0		
		VILINIIL BLA	0 /			R155	1-216-295-91	SHORT CHIP	0		
FB108	1-469-324-21	FERRITE, EMI (S	SMD) (2012)			R156	1-218-941-81	METAL CHIP	100	5%	1/16W
FB603	1-469-324-21	FERRITE, EMI (S				R204	1-218-954-11	METAL CHIP	1.2K	5%	1/16W
FB607	1-469-324-21	FERRITE, EMI (S				R205	1-218-965-11	METAL CHIP	10K	5%	1/16W
FB1114	1-500-903-21	EMI FERRITE (S				R206	1-218-965-11	METAL CHIP	10K	5%	1/16W
FB1264	1-469-118-21	FERRITE, EMI (S	,								
						R207	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
FB1265	1-469-118-21	FERRITE, EMI (S				R208	1-218-971-11	METAL CHIP	33K	5%	1/16W
FB1266	1-469-118-21	FERRITE, EMI (S				R209	1-218-971-11	METAL CHIP	33K	5%	1/16W
FB1267	1-469-118-21	FERRITE, EMI (S				R210	1-218-973-11	METAL CHIP	47K	5%	1/16W
FB1268	1-469-118-21	FERRITE, EMI (S	SMD) (1608)			R212	1-218-965-11	METAL CHIP	10K	5%	1/16W
		< FLUORESCEN	IT INDICATO	OR TUBE >		R213	1-218-963-11	METAL CHIP	6.8K	5%	1/16W
						R214	1-218-967-11	METAL CHIP	15K	5%	1/16W
FL603	1-234-494-21	FILTER, EMI REI	MOVAL (SM	D)		R215	1-218-966-11	METAL CHIP	12K	5%	1/16W
						R216	1-218-966-11	METAL CHIP	12K	5%	1/16W
		< IC >				R219	1-218-970-11	METAL CHIP	27K	5%	1/16W
IC101	6-714-821-01	IC CXD9968R (LF)			R220	1-216-821-11	METAL CHIP	1K	5%	1/10W
IC102	(Not supplied)	IC W25Q16BVS				R221	1-218-889-11	METAL CHIP	56K	0.5%	1/10W
IC104	6-714-642-01	IC EM638165 T				R223	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
IC107	6-716-993-01	IC MM1836A33				R224	1-218-965-11	METAL CHIP	10K	5%	1/16W
IC111	6-706-838-01	IC MM1661JHB				R225	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
						11220	1 210 000 11	WE IT IE OT III	10010	0.070	1/1011
IC201	6-704-524-01	IC FAN8036L				R226	1-218-889-11	METAL CHIP	56K	0.5%	1/10W
IC4601	6-710-554-01	IC PCM1808PV				R227	1-218-990-81	SHORT CHIP	0		
IC4602	6-707-111-01	IC PCM1753DB				R228	1-218-990-81	SHORT CHIP	0		
IC4605	(Not supplied)	IC TAS3108DCI	PR			R230	1-218-893-11	METAL CHIP	82K	0.5%	1/10W
IC4607	6-707-800-01	IC SRC4182				R231	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
IC4608	8-759-680-48	IC TC7WH157F	ĸ			Daga	1 010 077 11	METAL CLUD	101/	0.50/	1/10\\
IC4609	8-759-698-31	IC TC7WH74Fk				R232	1-218-877-11	METAL CHIP	18K	0.5%	1/10W
104003	0-700-000-01	10 10/11/1/11	`			R233	1-218-883-11	METAL CHIP	33K	0.5%	1/10W
		< TRANSISTOR	>			R234	1-216-833-11	METAL CHIP	10K	5%	1/10W
		TIVANOIOTOR				R236	1-218-953-11	METAL CHIP	1K	5%	1/16W 1/16W
Q101	6-550-008-01	TRANSISTOR	UM6K1N-	TN		R237	1-218-953-11	METAL CHIP	1K	5%	1/1000
Q103	8-729-029-06	TRANSISTOR	DTC124E			R238	1-218-953-11	METAL CHIP	1K	5%	1/16W
Q104	6-551-120-01	TRANSISTOR	2SA2119K	(R239	1-218-953-11	METAL CHIP	1K	5%	1/16W
Q105	6-551-120-01	TRANSISTOR	2SA2119K	(R246	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
						R247	1-218-953-11	METAL CHIP	1K	5%	1/16W
		< RESISTOR >				R254	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R101	1-216-809-11	METAL CHIP	100	5%	1/10W						
R101	1-218-990-81	SHORT CHIP	0	J 7/0	1/ 1000	R255	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R102	1-218-864-11	METAL CHIP	5.1K	0.5%	1/10W	R256	1-218-965-11	METAL CHIP	10K	5%	1/16W
R103	1-218-965-11	METAL CHIP	10K	5%	1/16W	R521	1-218-965-11	METAL CHIP	10K	5%	1/16W
R107	1-216-905-11	METAL CHIP	1M	5% 5%	1/10W	R601	1-216-295-91	SHORT CHIP	0		
K100	1-210-037-11	WETAL CHIP	HVI	370	1/1000	R604	1-216-295-91	SHORT CHIP	0		
R109	1-216-809-11	METAL CHIP	100	5%	1/10W	R605	1-216-295-91	SHORT CHIP	0		
R110	1-216-841-11	METAL CHIP	47K	5%	1/10W	R605	1-216-295-91	SHORT CHIP	0		
R111	1-216-809-11	METAL CHIP	100	5%	1/10W	R608	1-216-295-91	SHORT CHIP	0		
R112	1-211-977-11	METAL CHIP	22	0.5%	1/10W	R611	1-216-295-91	SHORT CHIP	0		
R113	1-211-977-11	METAL CHIP	22	0.5%	1/10W	R612	1-216-295-91	SHORT CHIP	0		
D44.4	4 040 045 44	METAL OLUB	4001/	F0/	4/40\4/				-		
R114	1-216-845-11	METAL CHIP	100K	5% 0.5%	1/10W	R630	1-218-990-81	SHORT CHIP	0		
R115 R116	1-211-977-11 1-216-821-11	METAL CHIP METAL CHIP	22 1K	0.5% 5%	1/10W 1/10W	R1101	1-208-677-11	METAL CHIP	560	0.5%	1/16W
						R1105	1-216-295-91	SHORT CHIP	0		
R117 R118	1-216-841-11 1-216-801-11	METAL CHIP METAL CHIP	47K 22	5% 5%	1/10W 1/10W	R1110	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
11110	1-2 10-00 1-11	WIL TAL OTTE	~~	J /0	1/1044	R1121	1-218-990-81	SHORT CHIP	0		
R120	1-216-801-11	METAL CHIP	22	5%	1/10W	R1123	1-218-990-81	SHORT CHIP	0		
		- "]	1 210-030-01	SHORT OTHE	U		

Note: IC102 and IC4605 on the DMB21 board cannot exchange with single. When these parts on the DMB21 board are damaged, exchange the entire mounted board.

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R1129	1-216-845-11	METAL CHIP	100K	5%	1/10W	R4848	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R1150	1-218-959-11	METAL CHIP	3.3K	5%	1/16W	R4849	1-216-295-91	SHORT CHIP	0		
R1151 R1152	1-216-827-11 1-216-827-11	METAL CHIP METAL CHIP	3.3K 3.3K	5% 5%	1/10W 1/10W	R4850 R4851	1-218-990-81 1-218-941-81	SHORT CHIP METAL CHIP	0 100	5%	1/16W
K1132	1-210-021-11	WE TAL CHIP	J.JN	3%	1/1000	K4001	1-210-941-01	METAL CHIP	100	5%	1/1000
R1168	1-218-947-11	METAL CHIP	330	5%	1/16W	R4852	1-218-937-11	METAL CHIP	47	5%	1/16W
R1177	1-218-990-81	SHORT CHIP	0			R4853	1-218-937-11	METAL CHIP	47	5%	1/16W
R1178	1-218-953-11	METAL CHIP	1K	5%	1/16W	R4854	1-218-937-11	METAL CHIP	47	5%	1/16W
R1184 R1191	1-218-941-81 1-218-990-81	METAL CHIP SHORT CHIP	100 0	5%	1/16W	R4855 R4856	1-218-990-81 1-218-965-11	SHORT CHIP METAL CHIP	0 10K	5%	1/16W
KIIJI	1-210-990-01	SHOKE CHIE	U			14030	1-210-905-11	MIL TAL CITIF	TUIX	J /0	1/1000
R1192	1-218-990-81	SHORT CHIP	0			R4857	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1193	1-218-990-81	SHORT CHIP	0			R4858	1-218-937-11	METAL CHIP	47	5%	1/16W
R1194	1-218-990-81	SHORT CHIP	0			R4859	1-218-937-11	METAL CHIP	47	5%	1/16W
R1213	1-216-295-91	SHORT CHIP	0 0			R4861 R4862	1-218-941-81	METAL CHIP	100	5% 5%	1/16W 1/16W
R1248	1-218-990-81	SHORT CHIP	U			K4002	1-218-937-11	METAL CHIP	47	5%	1/1000
R1249	1-218-953-11	METAL CHIP	1K	5%	1/16W	R4867	1-218-937-11	METAL CHIP	47	5%	1/16W
R1250	1-216-295-91	SHORT CHIP	0			R4870	1-218-941-81	METAL CHIP	100	5%	1/16W
R1252	1-216-295-91	SHORT CHIP	0			R4871	1-218-941-81	METAL CHIP	100	5%	1/16W
R1255 R1256	1-216-295-91 1-216-295-91	SHORT CHIP SHORT CHIP	0			R4872 R4873	1-218-941-81 1-218-990-81	METAL CHIP SHORT CHIP	100 0	5%	1/16W
K1250	1-210-290-91	SHOKT CHIP	U			K4073	1-210-990-01	SHOKI CHIP	U		
R1261	1-218-965-11	METAL CHIP	10K	5%	1/16W	R4874	1-218-990-81	SHORT CHIP	0		
R1262	1-218-965-11	METAL CHIP	10K	5%	1/16W	R4876	1-218-990-81	SHORT CHIP	0		
R1263	1-216-864-11	SHORT CHIP	0	=0/	4440044	R4877	1-218-937-11	METAL CHIP	47	5%	1/16W
R1269	1-218-941-81	METAL CHIP	100	5%	1/16W	R4878	1-218-937-11	METAL CHIP	47	5%	1/16W
R1276	1-218-990-81	SHORT CHIP	0			R4879	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1277	1-218-941-81	METAL CHIP	100	5%	1/16W			< COMPOSITION	N CIRCUIT	BLOCK >	
R1278	1-218-965-11	METAL CHIP	10K	5%	1/16W	DD 405	4 004 400 04	00110110700		(400=)(4)	
R1279	1-218-965-11	METAL CHIP	10K	5%	1/16W	RB105	1-234-400-21	CONDUCTOR, N		,	
R1280 R1281	1-218-990-81 1-218-990-81	SHORT CHIP SHORT CHIP	0			RB106 RB107	1-234-400-21 1-234-400-21	CONDUCTOR, N		\ /	
K1Z01	1-210-990-01	SHOKT CHIP	U			RB107	1-234-400-21	CONDUCTOR, N			
R1282	1-218-990-81	SHORT CHIP	0			RB111	1-234-400-21	CONDUCTOR, N		(1005X4)	
R1283	1-216-864-11	SHORT CHIP	0				. 20			(1000/11)	
R1290	1-216-295-91	SHORT CHIP	0			RB112	1-234-400-21	CONDUCTOR, N	IETWORK	(1005X4)	
R2502	1-218-953-11	METAL CHIP	1K	5%	1/16W	RB113	1-234-400-21	CONDUCTOR, N			
R2505	1-218-990-81	SHORT CHIP	0			RB114	1-234-400-21	CONDUCTOR, N			
R2506	1-218-989-11	METAL CHIP	1M	5%	1/16W	RB115	1-234-400-21	CONDUCTOR, N	IETWORK	(1005X4)	
R2507	1-218-957-11	METAL CHIP	2.2K	5%	1/16W			< VIBRATOR >			
R4601	1-218-941-81	METAL CHIP	100	5%	1/16W			VIBIOTO			
R4602	1-218-941-81	METAL CHIP	100	5%	1/16W	X002	1-814-415-11	QUARTZ CRYST	AL UNIT (1	2.288MHZ)	
R4606	1-218-933-11	METAL CHIP	22	5%	1/16W	X101	1-814-417-11	QUARTZ CRYST			
R4608	1-218-990-81	SHORT CHIP	0			*******	*****	*******	*******	******	******
R4609	1-218-990-81	SHORT CHIP	0				A-1820-965-A	MAIN BOARD, C	OMPLETE	(F2 F51 M	(X)
R4611	1-218-990-81	SHORT CHIP	0				A-1820-982-A	MAIN BOARD, C			17()
R4833	1-216-864-11	SHORT CHIP	0				A-1820-984-A	MAIN BOARD, C		` '	
R4834	1-216-864-11	SHORT CHIP	0				A-1833-653-A	MAIN BOARD, C		. ,	
R4835	1-216-295-91	SHORT CHIP	0				A-1886-204-A	MAIN BOARD, C		\ /	
R4837	1-216-864-11	SHORT CHIP	0								
R4838	1-216-864-11	SHORT CHIP	0					< CAPACITOR >			
R4839	1-218-990-81	SHORT CHIP	0								
R4841	1-218-937-11	METAL CHIP	47	5%	1/16W	C100 C102	1-164-874-11 1-164-874-11	CERAMIC CHIP	100PF 100PF	5% 5%	50V 50V
R4842	1-218-937-11	METAL CHIP	47	5%	1/16W	C102	1-164-858-11	CERAMIC CHIP		5% 5%	50 V 50 V
R4843	1-218-965-11	METAL CHIP	10K	5%	1/16W	C111	1-164-858-11	CERAMIC CHIP	22PF	5%	50V
R4844	1-218-941-81	METAL CHIP	100	5%	1/16W	C113	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
R4845	1-218-941-81	METAL CHIP	100	5%	1/16W						
R4846	1-218-941-81	METAL CHIP	100	5%	1/16W	C115	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
D/10/17	1 210 014 04	METAL CLUB	100	E0/	1/16///	C116	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
R4847	1-218-941-81	METAL CHIP	100	5%	1/16W	C127	1-125-777-11	CERAMIC CHIP	U. IUF	10%	10V

Note 1: Refer to the servicing notes "MAIN BOARD DISCRIMINATION" (page 5) for how to distinguish SUFFIX-11 and SUFFIX-12.

Note 2: A part of circuit composition of MAIN board (Suffix-12) has been changed in the midway of production. MAIN board (Suffix-12) that has not been changed appears as TYPE A, and the changed MAIN board (Suffix-12) appears as TYPE B.

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C128	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C528	1-118-021-91	CERAMIC CHIP	0.12uF	10%	16V
C162	1-117-681-11	ELECT CHIP	100uF	20%	16V	C540	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
						C541	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C163	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C542	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C165	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V						
C198	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C543	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C216	1-117-681-11	ELECT CHIP	100uF	20%	16V	C545	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C231	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C546	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
						C547	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C232	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V	C548	1-117-681-11	ELECT CHIP	100uF	20%	16V
C233	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V						
C237	1-137-765-21	ELECT CHIP	47uF	20%	16V	C549	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C238	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C551	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C239	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C554	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
		(SUFFIX-11,	SUFFIX-1	12 (TYPE A))	C556	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
		`			,,,	C557	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C240	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V						
C241	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C558	1-137-765-21	ELECT CHIP	47uF	20%	16V
C242	(Not supplied)	CERAMIC CHIP	0.1uF	10%	25V	C559	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
	((SUFFIX-1	2 (TYPE B))	C561	1-117-949-81	CERAMIC CHIP	820PF	10%	50V
C250	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V	C562	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
C267	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V	C564	1-112-692-11	CERAMIC CHIP	1000PF	5%	50V
0201	1-120-000-11	OLIVAMIO OTIII	Z.Zui	10 /0	10 V	0304	1-112-052-11	OLIVAINIO OTIII	100011	J /0	30 V
C298	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C565	1-117-949-81	CERAMIC CHIP	820PF	10%	50V
C305	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C566	1-164-935-11	CERAMIC CHIP	470PF	10%	50V
C310	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V 25V	C567	1-164-935-11	CERAMIC CHIP	470PF	10%	50V
	1-100-597-91						1-112-300-91			10%	10V
C311		CERAMIC CHIP	10uF	10%	16V	C568		CERAMIC CHIP	4.7uF		
C321	1-127-692-11	CERAMIC CHIP	10uF	10%	16V	C570	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C323	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C583	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C326	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C605	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C327	1-127-692-11	CERAMIC CHIP	10uF	10%	16V	C615	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C328	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C617	1-118-021-91	CERAMIC CHIP	0.12uF	10%	16V
C332	1-164-858-11	CERAMIC CHIP	22PF	5%	50V	C620	1-124-779-00	ELECT CHIP	10uF	20%	16V
0004	4 404 050 44	0504440 0140	4005	0.505	501/	0007	4 400 507 04	OFDAMIO OUID	0.4.5	400/	051/
C334	1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V	C627	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C335	1-127-692-11	CERAMIC CHIP	10uF	10%	16V	C629	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C336	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C648	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C337	1-124-779-00	ELECT CHIP	10uF	20%	16V	C649	1-117-681-11	ELECT CHIP	100uF	20%	16V
C338	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C651	1-117-681-11	ELECT CHIP	100uF	20%	16V
0000	4 400 505 04	0554440 0445	0.4.5	400/	0=1/	00-0	4 400 505 04	0======================================		100/	0=1/
C339	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C659	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C340	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C661	1-124-779-00	ELECT CHIP	10uF	20%	16V
C341	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C662	1-124-779-00	ELECT CHIP	10uF	20%	16V
C342	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C674	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C344	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C676	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C345	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C678	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C346	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C680	1-118-022-91	CERAMIC CHIP	0.15uF	10%	16V
C347	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C686	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C411	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C691	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C415	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C694	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C426	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C697	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C435	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C698	1-118-022-91	CERAMIC CHIP	0.15uF	10%	16V
C501	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V	C707	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C502	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V	C722	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C503	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V	C723	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C509	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V	C724	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C513	1-164-935-11	CERAMIC CHIP	470PF	10%	50V	C725	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C518	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C726	1-100-385-91	CERAMIC CHIP	0.47uF		25V
C521	1-164-933-11	CERAMIC CHIP	220PF	10%	50V	C748	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C522	1-164-933-11	CERAMIC CHIP	220PF	10%	50V	C754	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
			** *						-	2. -	
C524	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C760	1-124-779-00	ELECT CHIP	10uF	20%	16V

Note 1: Refer to the servicing notes "MAIN BOARD DISCRIMINATION" (page 5) for how to distinguish SUFFIX-11 and SUFFIX-12.

Note 2: A part of circuit composition of MAIN board (Suffix-12) has been changed in the midway of production. MAIN board (Suffix-12) that has not been changed appears as TYPE A, and the changed MAIN board (Suffix-12) appears as TYPE B.

Note 3: C242 (TYPE B) on the MAIN board (Suffix-12) cannot exchange with single. When this part on the MAIN board (Suffix-12) is damaged, remove IC103 and C242 (Combination: TYPE B) and replace with IC102 and C239 (Combination: TYPE A).

Ref. No.	Part No.	Description			Remark	R	ef. No.	Part No.	Description			Remark
C761	1-124-779-00	ELECT CHIP	10uF	20%	16V	١,	C884	1-124-779-00	ELECT CHIP	10uF	20%	16V
C767	1-164-935-11	CERAMIC CHIP	470PF	10%	50V	l .	C885	1-124-779-00	ELECT CHIP	10uF	20%	16V
C768	1-164-935-11	CERAMIC CHIP	470PF	10%	50V		C886	1-124-779-00	ELECT CHIP	10uF	20%	16V
				10%	50V	1					20%	
C769	1-164-935-11	CERAMIC CHIP	470PF	10%	30V	'	C887	1-124-779-00	ELECT CHIP	10uF	20%	16V
C770	1-164-935-11	CERAMIC CHIP	470PF	10%	50V	١,	C892	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
C771	1-104-933-11	ELECT CHIP	10uF	20%	16V	1	C893	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V 25V
							C894					
C772 C774	1-124-779-00 1-162-919-11	ELECT CHIP CERAMIC CHIP	10uF 22PF	20%	16V 50V	l '	C094	1-165-708-11	ELECT CHIP	47uF	20%	6.3V
				5%					- CONNECTOR S			
C776	1-162-919-11	CERAMIC CHIP	22PF	5%	50V				< CONNECTOR >	>		
C777	1-124-779-00	ELECT CHIP	10uF	20%	16V	١,	CN100	1-568-673-11	CONNECTOR, BO		OADD 14E)
C778	1-124-779-00	ELECT CHIP	10uF	20%	16V	l .	CN100 CN102	1-568-673-11	CONNECTOR, BO			
C778	1-162-919-11	CERAMIC CHIP	22PF	5%	50V		CN 102 CN 105	1-784-784-11	CONNECTOR, FR		UARD 14F	
C780					50V 50V	1	CN105	1-785-728-21			OD 7D	
	1-162-919-11	CERAMIC CHIP	22PF	5%			CN 100		PIN (PC BOARD)		UK /P	
C783	1-124-779-00	ELECT CHIP	10uF	20%	16V	'	CNSUU	1-784-929-11	PIN, CONNECTO	K 14P		
C784	1-124-779-00	ELECT CHIP	10uF	20%	16V	١,	CN302	1-794-509-11	PIN, CONNECTO	D (DC DOAI	אר (אם)	
	1-124-779-00	CERAMIC CHIP	0.001uF		50V		CN302 CN700	1-794-509-11	CONNECTOR, F			
C800				10%		1						
C801	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V		CN701	1-785-728-21	PIN (PC BOARD)			
C802	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V	1	CN702	1-785-468-51	CONNECTOR, FR			
C803	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V	'	CN703	1-568-826-11	CONNECTOR, F	-C /P		
C004	1 164 027 11	CERAMIC CHIP	0.001uF	10%	50V	Ι,	CN704	1 564 710 11	PIN, CONNECTO	D (CMALL T	VDE/ 2D	
C804	1-164-937-11					l '	CN/04	1-564-719-11		,	1PE) 3P	
C805	1-164-937-11	CERAMIC CHIP	0.001uF 0.001uF	10%	50V	١.	ONZOE	4 504 740 44	(LED SPEAKER F	,	VDE/ 2D	
C806	1-164-937-11			10%	50V	l '	CN705	1-564-719-11	PIN, CONNECTO		1PE) 3P	
C807	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V				(LED SPEAKER I	-)		
C808	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V				< DIODE >			
0000	4 404 007 44	CEDAMIC CUID	0.004	400/	50V				< DIODE >			
C809	1-164-937-11	CERAMIC CHIP	0.001uF	10%		١.	D4C7	C F00 040 04	DIODE MOSSAS	T440 4		
C810	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V		D167	6-500-848-01	DIODE MC2840	-1112-1		
C811	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V	1	D231	6-502-961-01	DI DA2J10100L			
C812	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V		D232	6-502-961-01	DI DA2J10100L	T440 4		
C813	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	1	D233	6-500-334-01	DIODE MC2836	-1112-1		
0000	4 400 000 44	FLECT	2200	000/	101/		D267	6-502-961-01	DI DA2J10100L			
C820	1-126-936-11	ELECT	3300uF	20%	16V	١.,	Dena	6 500 061 01	DI DA2 1404001			
C821	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	1	D602	6-502-961-01	DI DA2J10100L	T440 4		
C823	1-100-597-91 1-117-681-11	CERAMIC CHIP ELECT CHIP	0.1uF	10%	25V 16V	'	D704	6-500-848-01	DIODE MC2840	-1112-1		
C825 C826	1-117-001-11	ELECT CHIP	100uF 100uF	20% 20%	16V 16V				< TERMINAL, LU	0.5		
C020	1-112-791-11	ELECT CHIP	TOOUL	20%	100				> TERIVIINAL, LU	G /		
C828	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	*	ET300	1-780-408-11	TERMINAL, LUG			
C829	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V	l .	ET302	1-780-408-11	TERMINAL, LUG			
C831	1-112-795-11	ELECT CHIP	22uF	20%	25V		ET800	1-780-408-11	TERMINAL, LUG			
C833	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V		_1000	1 700 100 11	7 E. (WIII W. IE, 200			
C834	1-112-791-11	ELECT CHIP	100uF	20%	16V				< FUSE >			
0001	1 112 701 11	22201 01111	10001	2070	101				1 002			
C835	1-163-053-00	CERAMIC CHIP	0.0033uF	10%	50V (US)	<u> </u>	F700	1-523-130-31	FUSE 0.5A 50V			
C836	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V ` ´							
C837	1-164-940-11	CERAMIC CHIP	0.0033uF	10%	16V				< FERRITE BEAD)>		
C839	1-112-795-11	ELECT CHIP	22uF	20%	25V							
C840	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V		FB300	1-216-295-91	SHORT CHIP	0		
							FB302	1-216-295-91	SHORT CHIP	0		
C841	1-112-791-11	ELECT CHIP	100uF	20%	16V		FB750	1-414-445-11	FERRITE, EMI (S	MD) (1608)		
C843	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V		FB751	1-414-445-11	FERRITE, EMI (S	MD) (1608)		
C844	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V							
C846	1-112-795-11	ELECT CHIP	22uF	20%	25V				< IC >			
C847	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V							
							IC100	A-1847-995-A	IC R5F3650KBD	FA		
C850	1-124-779-00	ELECT CHIP	10uF	20%	16V		IC101	6-704-191-01	IC S-80829CNN	B-B8OT2G		
C851	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V		IC102	6-703-639-01	IC TK11140CSC	L-G		
C852	1-117-681-11	ELECT CHIP	100uF	20%	16V				(SUFFIX-11, SUF	FIX-12 (TYP	PE A))	
C873	1-137-765-21	ELECT CHIP	47uF	20%	16V		IC103	(Not supplied)	IC XC6216B402M	•	***	B))
C874	1-137-765-21	ELECT CHIP	47uF	20%	16V	1	IC300	6-718-788-01	IC USB2512B-A		•	**
C875	1-137-765-21	ELECT CHIP	47uF	20%	16V	l 1	IC301	8-759-338-95	IC NJM2903V (T	E2)		
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Note 1: Refer to the servicing notes "MAIN BOARD DISCRIMINATION" (page 5) for how to distinguish SUFFIX-11 and SUFFIX-12.

Note 2: A part of circuit composition of MAIN board (Suffix-12) has been changed in the midway of production. MAIN board (Suffix-12) that has not been changed appears as TYPE A, and the changed MAIN board (Suffix-12) appears as TYPE B.

Note 3: IC103 (TYPE B) on the MAIN board (Suffix-12) cannot exchange with single. When this part on the MAIN board (Suffix-12) is damaged, remove IC103 and C242 (Combination: TYPE B) and replace with IC102 and C239 (Combination: TYPE A).

HCD-SH2000

Ver. 1.3

MAIN

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
IC500	6-712-027-01	IC R2A15216FF	2			R120	1-218-941-81	METAL CHIP	100	5%	1/16W
IC500	8-759-909-71	IC RZA15Z16FI				R120	1-218-945-11	METAL CHIP	220	5% 5%	1/16W
	8-759-909-71					R121			100	5% 5%	1/16W
IC502 IC503	8-759-909-71	IC BA4558F IC BA4558F				RIZZ	1-218-941-81	METAL CHIP	100	5%	1/1000
10303	0-759-909-71	IC DA4000F				R124	1-218-941-81	METAL CHIP	100	5%	1/16W
IC600	8-759-909-71	IC BA4558F				R125	1-218-941-81	METAL CHIP	100	5%	1/16W
IC800	6-716-554-11	IC BD9329AEF	1 = 2			R126	1-218-941-81	METAL CHIP	100	5%	1/16W
IC801	6-716-554-11	IC BD9329AEF				R120	1-218-965-11	METAL CHIP	10K	5%	1/16W
IC802	6-716-554-11	IC BD9329AEF				R128	1-218-965-11	METAL CHIP	10K	5%	1/16W
IC803	6-715-078-01	IC KIA7809AF/	4PI			D100	1-218-965-11	METAL CLUD	10K	5%	1/16W
10004	0.740.700.04	10 PD00000W				R129	1-218-965-11	METAL CHIP			
IC804	6-716-739-01	IC BD00GC0W	EFJ-SEZ			R130		METAL CHIP	10K	5%	1/16W
IC805	8-759-909-71	IC BA4558F				R134	1-218-973-11	METAL CHIP	47K	5%	1/16W
		- IAOK >				R135	1-218-941-81	METAL CHIP	100	5%	1/16W
		< JACK >				R136	1-218-941-81	METAL CHIP	100	5%	1/16W
IEOO	1-794-981-11	IACK DINI 4D				D127	1 010 011 01	METAL CLUD	100	5%	1/16W
J500	1-794-901-11	JACK, PIN 4P	V D/I DV/D	VCAT ALID	O IN D/L	R137	1-218-941-81	METAL CHIP			
		(GAME AUDIO II	N K/L, DVD	I/SAT AUD	O IN R/L)	R138	1-218-941-81	METAL CHIP	100	5% 5%	1/16W
		< COIL >				R146	1-218-965-11 1-218-941-81	METAL CHIP	10K 100		1/16W 1/16W
		< COIL >				R158		METAL CHIP	100	5% 5%	
1751	1 111 100 11	INDUCTOR	220uH			R159	1-218-941-81	METAL CHIP	100	5%	1/16W
L751	1-414-406-11					D400	4 040 044 04	METAL CLUD	100	F0/	4/40\4/
L803	1-481-903-11	INDUCTOR	33uH			R160	1-218-941-81	METAL CHIP	100	5%	1/16W
L804	1-481-903-11	INDUCTOR	33uH			R161	1-218-941-81	METAL CHIP	100	5%	1/16W
L805	1-481-903-11	INDUCTOR	33uH			R163	1-218-941-81	METAL CHIP	100	5%	1/16W
L806	1-481-903-11	INDUCTOR	33uH			R167	1-218-977-11	METAL CHIP	100K	5%	1/16W
1.007	4 404 000 44	INDUOTOD	22 11			R170	1-218-941-81	METAL CHIP	100	5%	1/16W
L807	1-481-903-11	INDUCTOR	33uH			D474	4 040 044 04	METAL CLUD	100	F0/	4/40\4/
L808	1-481-903-11	INDUCTOR	33uH			R171	1-218-941-81	METAL CHIP	100	5%	1/16W
		, TDANIOIOTOD				R172	1-218-941-81	METAL CHIP	100	5%	1/16W
		< TRANSISTOR	>			R174	1-218-949-11	METAL CHIP	470	5%	1/16W
0000	0.700.000.00	TDANIOIOTOD	DTANAA	10 TD 1		R175	1-218-965-11	METAL CHIP	10K	5%	1/16W
Q200	8-729-038-23	TRANSISTOR	RT1N14			R177	1-218-941-81	METAL CHIP	100	5%	1/16W
Q203	8-729-038-37	TRANSISTOR	RT1N14			D470	4 040 044 04	METAL OLUB	400	F0/	4/40\4/
Q204	8-729-038-23	TRANSISTOR	RT1N14			R178	1-218-941-81	METAL CHIP	100	5%	1/16W
Q205	6-550-363-01	TRANSISTOR	2SB1690			R180	1-218-965-11	METAL CHIP	10K	5%	1/16W
Q207	8-729-027-23	TRANSISTOR	DTA114E	EKA-T146		R184	1-216-809-11	METAL CHIP	100	5%	1/10W
0004	0.550.004.04	TO OTOLIDOM T	444-4			R186	1-216-833-11	METAL CHIP	10K	5%	1/10W
Q301	6-552-681-01	TR RT3NDDM-T		10 TD 1		R189	1-216-809-11	METAL CHIP	100	5%	1/10W
Q303	8-729-038-23	TRANSISTOR	RT1N14			D400	1 010 050 11	METAL OLUB	417	F0/	4/40/4/
Q518	8-729-620-13	TRANSISTOR	2SC4154			R190	1-218-953-11	METAL CHIP	1K	5%	1/16W
Q528	8-729-620-13	TRANSISTOR	2SC4154			D400	4 040 057 44	METAL OLUB	0.017	F0/	(E2, E51, MX)
Q600	6-551-272-01	TRANSISTOR	RT3CLLI	VI		R190	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
0004	C EE4 070 04	TDANCICTOR	DT2CLL			D400	4 040 004 44	METAL CLUD	4.71/	F0/	(US)
Q601	6-551-272-01	TRANSISTOR	RT3CLLI	VI		R190	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
Q604	6-551-939-01	TR RT3TAAM-TF				D404	4 040 040 44	METAL CLUD	470	F0/	(SAF, EA)
Q605	6-551-939-01	TR RT3TAAM-TF				R194	1-218-949-11	METAL CHIP	470	5%	1/16W
Q606	6-551-939-01	TR RT3TAAM-TF				R197	1-218-965-11	METAL CHIP	10K	5%	1/16W
Q607	6-551-939-01	TR RT3TAAM-TF	2- 1			D040	4 040 000 04	OLIODE OLUD	^		
0000	0.550.000.04	TDANGIOTOD	0004000	N/T440		R213	1-218-990-81	SHORT CHIP	0	F0/	4/40/4/
Q800	6-550-363-01	TRANSISTOR	2SB1690			R222	1-218-961-11	METAL CHIP METAL CHIP	4.7K	5%	1/16W 1/16W
Q801	8-729-038-23	TRANSISTOR	RT1N14			R224	1-218-961-11		4.7K	5%	
Q803	6-551-551-01	TRANSISTOR	RT3N77I			R225	1-218-977-11	METAL CHIP	100K	5%	1/16W
Q804	6-550-363-01	TRANSISTOR	2SB1690			R226	1-218-990-81	SHORT CHIP	0		
Q805	6-550-363-01	TRANSISTOR	2SB1690	JK 1 146		D000	4 040 044 04	METAL OLUB	400	F0/	4/40\4/
		- DECIOTOR				R229	1-218-941-81	METAL CHIP	100	5%	1/16W
		< RESISTOR >				R230	1-218-941-81	METAL CHIP	100	5%	1/16W
D400	4 040 040 44	METAL OLUB	470	5 0/	4/4014/	R231	1-218-965-11	METAL CHIP	10K	5%	1/16W
R100	1-218-949-11	METAL CHIP	470	5%	1/16W	R232	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R102	1-218-949-11	METAL CHIP	470	5%	1/16W	R238	1-218-965-11	METAL CHIP	10K	5%	1/16W
R103	1-218-941-81	METAL CHIP	100	5%	1/16W	Dogo	1 010 000 04	CHODE OF THE	0 (0) 1551	V 11\	
R104	1-218-941-81	METAL CHIP	100	5%	1/16W	R239	1-218-990-81	SHORT CHIP	0 (SUFFIX		4/4014/
R105	1-218-941-81	METAL CHIP	100	5%	1/16W	R241	1-218-965-11	METAL CHIP	10K	5%	1/16W
D407	4 040 044 04	METAL OUR	100	F0/	4/40\4/	R242	1-218-990-81	SHORT CHIP	0 (SUFFI)	,	
R107	1-218-941-81	METAL CHIP	100	5%	1/16W	R243	1-218-990-81	SHORT CHIP	0 (SUFFI)	,	4/46
R109	1-218-979-11	METAL CHIP	150K	5%	1/16W	R258	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R110	1-245-604-11	METAL CHIP	10M	5%	1/16W	D0-0	4 040 00= 4:	METAL OUT	4011	F0/	4/46
R111	1-218-981-91	METAL CHIP	220K	5%	1/16W	R259	1-218-965-11	METAL CHIP	10K	5%	1/16W
R113	1-218-989-11	METAL CHIP	1M	5%	1/16W	R261	1-218-965-11	METAL CHIP	10K	5%	1/16W
B.446	1.040.000.11	METAL OF THE	400	=0/	4/4000	R262	1-216-841-11	METAL CHIP	47K	5%	1/10W
R118	1-216-809-11	METAL CHIP	100	5%	1/10W	R263	1-218-985-11	METAL CHIP	470K	5%	1/16W
R119	1-218-973-11	METAL CHIP	47K	5%	1/16W	R264	1-218-957-11	METAL CHIP	2.2K	5%	1/16W

Note: Refer to the servicing notes "MAIN BOARD DISCRIMINATION" (page 5) for how to distinguish SUFFIX-11 and SUFFIX-12.

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
			4017	E0/					414	5 0/	
R271	1-218-965-11	METAL CHIP	10K	5%	1/16W	R612	1-218-989-11	METAL CHIP	1M	5%	1/16W
R272	1-218-965-11	METAL CHIP	10K	5%	1/16W	R619	1-218-990-81	SHORT CHIP	0		
R274	1-218-967-11	METAL CHIP	15K	5%	1/16W	5000	4 0 4 0 0 4 4 4 4		4=14	=0/	4/40044
R277	1-218-955-11	METAL CHIP	1.5K	5%	1/16W	R620	1-216-841-11	METAL CHIP	47K	5%	1/10W
R278	1-218-955-11	METAL CHIP	1.5K	5%	1/16W	R626	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
5005	4 040 000 44		4014	=0/	4/40144	R628	1-216-841-11	METAL CHIP	47K	5%	1/10W
R285	1-216-833-11	METAL CHIP	10K	5%	1/10W	R657	1-216-864-11	SHORT CHIP	0		
R290	1-218-947-11	METAL CHIP	330	5%	1/16W	R658	1-216-864-11	SHORT CHIP	0		
					(SAF)						
R290	1-218-953-11	METAL CHIP	1K	5%	1/16W	R659	1-216-864-11	SHORT CHIP	0		
					(EA)	R662	1-216-864-11	SHORT CHIP	0		
R290	1-218-961-11	METAL CHIP	4.7K	5%	1/16W	R673	1-216-835-11	METAL CHIP	15K	5%	1/10W
				(US, I	E2, E51, MX)	R674	1-216-833-11	METAL CHIP	10K	5%	1/10W
R290	1-218-990-81	SHORT CHIP	0 (MY)			R675	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
D004	4 040 00= 44		4=14	=0/	4/40144	5050	4 0 4 0 0 0 0 4 4		4017	=0/	4/40044
R294	1-218-967-11	METAL CHIP	15K	5%	1/16W	R676	1-216-833-11	METAL CHIP	10K	5%	1/10W
R322	1-218-977-11	METAL CHIP	100K	5%	1/16W	R677	1-216-845-11	METAL CHIP	100K	5%	1/10W
R324	1-218-977-11	METAL CHIP	100K	5%	1/16W	R678	1-216-845-11	METAL CHIP	100K	5%	1/10W
R325	1-218-977-11	METAL CHIP	100K	5%	1/16W	R679	1-218-971-11	METAL CHIP	33K	5%	1/16W
R326	1-218-945-11	METAL CHIP	220	5%	1/16W	R680	1-216-833-11	METAL CHIP	10K	5%	1/10W
R327	1-218-945-11	METAL CHIP	220	5%	1/16W	R688	1-216-835-11	METAL CHIP	15K	5%	1/10W
R328	1-218-977-11	METAL CHIP	100K	5%	1/16W	R689	1-216-833-11	METAL CHIP	10K	5%	1/10W
R330	1-218-990-81	SHORT CHIP	0			R690	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R331	1-218-990-81	SHORT CHIP	0			R691	1-216-833-11	METAL CHIP	10K	5%	1/10W
R332	1-218-989-11	METAL CHIP	1M	5%	1/16W	R692	1-216-833-11	METAL CHIP	10K	5%	1/10W
R333	1-218-990-81	SHORT CHIP	0			R696	1-216-845-11	METAL CHIP	100K	5%	1/10W
R335	1-218-873-11	METAL CHIP	12K	0.5%	1/10W	R697	1-216-845-11	METAL CHIP	100K	5%	1/10W
R337	1-218-879-11	METAL CHIP	22K	0.5%	1/10W	R698	1-218-971-11	METAL CHIP	33K	5%	1/16W
R338	1-218-879-11	METAL CHIP	22K	0.5%	1/10W	R725	1-257-173-91	METAL CHIP	560	5%	1/3W
R339	1-218-941-81	METAL CHIP	100	5%	1/16W	R726	1-257-173-91	METAL CHIP	560	5%	1/3W
R340	1-218-941-81	METAL CHIP	100	5%	1/16W	R727	1-257-173-91	METAL CHIP	560	5%	1/3W
R341	1-218-835-11	METAL CHIP	330	0.5%	1/10W	R728	1-257-173-91	METAL CHIP	560	5%	1/3W
R342	1-218-835-11	METAL CHIP	330	0.5%	1/10W	R739	1-218-970-11	METAL CHIP	27K	5%	1/16W
R343	1-248-311-11	RES-CHIP	0.1	1%	1/4W	R740	1-218-970-11	METAL CHIP	27K	5%	1/16W
R344	1-248-311-11	RES-CHIP	0.1	1%	1/4W	R741	1-218-971-11	METAL CHIP	33K	5%	1/16W
R426	1-218-977-11	METAL CHIP	100K	5%	1/16W	R742	1-218-971-11	METAL CHIP	33K	5%	1/16W
R502	1-218-941-81	METAL CHIP	100	5%	1/16W	R743	1-218-970-11	METAL CHIP	27K	5%	1/16W
R509	1-216-809-11	METAL CHIP	100	5%	1/10W	R744	1-216-295-91	SHORT CHIP	0		
R518	1-216-833-11	METAL CHIP	10K	5%	1/10W	R745	1-216-295-91	SHORT CHIP	0		
R519	1-216-826-11	METAL CHIP	2.7K	5%	1/10W	R747	1-218-970-11	METAL CHIP	27K	5%	1/16W
R521	1-218-949-11	METAL CHIP	470	5%	1/16W	R748	1-218-971-11	METAL CHIP	33K	5%	1/16W
R522	1-218-949-11	METAL CHIP	470	5%	1/16W	R749	1-218-971-11	METAL CHIP	33K	5%	1/16W
R526	1-218-990-81	SHORT CHIP	0			R751	1-218-990-81	SHORT CHIP	0		
R527	1-218-941-81	METAL CHIP	100	5%	1/16W	R763	1-218-990-81	SHORT CHIP	0		
R528	1-216-833-11	METAL CHIP	10K	5%	1/10W	R782	1-216-809-11	METAL CHIP	100	5%	1/10W
D544	4 040 044 04	METAL OLUB	400	5 0/	4/40)4/	D700	4 040 057 44	METAL OLUB	0.017	5 0/	4/4014/
R541	1-218-941-81	METAL CHIP	100	5%	1/16W	R783	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R542	1-216-821-11	METAL CHIP	1K	5%	1/10W	R784	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R543	1-216-845-11	METAL CHIP	100K	5%	1/10W	R785	1-216-809-11	METAL CHIP	100	5%	1/10W
R544	1-216-801-11	METAL CHIP	22	5%	1/10W	R786	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R545	1-218-960-11	METAL CHIP	3.9K	5%	1/16W	R787	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
5-10			4 = 17	=0/	4/40144	D=00	4 0 4 0 0 0 0 4 4		400	=0/	4/40044
R546	1-218-961-11	METAL CHIP	4.7K	5%	1/16W	R788	1-216-809-11	METAL CHIP	100	5%	1/10W
R547	1-218-958-11	METAL CHIP	2.7K	5%	1/16W	R789	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R548	1-218-960-11	METAL CHIP	3.9K	5%	1/16W	R790	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R549	1-218-958-11	METAL CHIP	2.7K	5%	1/16W	R791	1-216-809-11	METAL CHIP	100	5%	1/10W
R550	1-218-958-11	METAL CHIP	2.7K	5%	1/16W	R792	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
B:	4.040.055.11	METAL OFF	0 =14	F 0/	4/4011	5-0-	1.010.005.11	METAL OFF	4 = 17	-01	4/40041
R551	1-218-958-11	METAL CHIP	2.7K	5%	1/16W	R793	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R552	1-218-961-11	METAL CHIP	4.7K	5%	1/16W	R794	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R557	1-218-965-11	METAL CHIP	10K	5%	1/16W	R795	1-216-841-11	METAL CHIP	47K	5%	1/10W
R558	1-218-965-11	METAL CHIP	10K	5%	1/16W	R796	1-216-841-11	METAL CHIP	47K	5%	1/10W
R559	1-218-959-11	METAL CHIP	3.3K	5%	1/16W	R797	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
DECC	4 040 0=0 4:	METAL OUT	0.07	E0.	4/4014	D=00	1 010 000 01	OLIOPE OUE			
R560	1-218-959-11	METAL CHIP	3.3K	5%	1/16W	R798	1-218-990-81	SHORT CHIP	0	-01	4/40041
R602	1-218-959-11	METAL CHIP	3.3K	5%	1/16W	R799	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R603	1-218-961-11	METAL CHIP	4.7K	5%	1/16W	R801	1-218-969-11	METAL CHIP	22K	5%	1/16W

Ref. No.	Part No.	Description			Remark	l 1	Ref. No.	Part No.	Description			Remark
			101/	0.50/								
R802 R803	1-218-871-11 1-218-893-11	METAL CHIP METAL CHIP	10K 82K	0.5% 0.5%	1/10W 1/10W				MIC BOARD			
R804	1-218-869-11	METAL CHIP	8.2K	0.5%	1/10W				< CAPACITOR >			
R805	1-218-929-11	METAL CHIP	10	5%	1/16W							
					(US)		C1300	1-100-385-91	CERAMIC CHIP	0.47uF		25V
R806	1-208-908-11	METAL CHIP	7.5K	0.5%	1/16W		C1301	1-124-463-00	ELECT	0.1uF	20%	50V
R807	1-218-871-11	METAL CHIP	10K	0.5%	1/10W		C1302	1-124-261-00	ELECT	10uF	20%	50V
R808	1-218-881-11	METAL CHIP	27K	0.5%	1/10W		C1303	1-124-463-00	ELECT	0.1uF	20%	50V
D040	4 040 000 04	OLIODE OLUD	0				C1304	1-124-463-00	ELECT	0.1uF	20%	50V
R810	1-218-990-81 1-218-966-11	SHORT CHIP METAL CHIP	0	E0/	1/16W		C120E	1 160 005 11	CEDAMIC CLUD	68PF	E0/	50V
R812 R814	1-218-871-11	METAL CHIP	12K 10K	5% 0.5%	1/10W		C1305 C1306	1-162-925-11 1-124-257-00	CERAMIC CHIP ELECT	2.2uF	5% 20%	50V 50V
R815	1-218-887-11	METAL CHIP	47K	0.5%	1/10W		C1300	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
R816	1-218-990-81	SHORT CHIP	0	0.070	1/ 1011		C1308	1-162-924-11	CERAMIC CHIP	56PF	5%	50V
11010	1 210 000 01	Oriorer orini	Ü				C1309	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
R817	1-218-990-81	SHORT CHIP	0									
R818	1-218-990-81	SHORT CHIP	0				C1310	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
R819	1-218-965-11	METAL CHIP	10K	5%	1/16W		C1311	1-126-176-11	ELECT	220uF	20%	10V
R820	1-216-829-11	METAL CHIP	4.7K	5%	1/10W		C1312	1-162-924-11	CERAMIC CHIP	56PF	5%	50V
R821	1-218-973-11	METAL CHIP	47K	5%	1/16W		C1313	1-126-176-11	ELECT	220uF	20%	10V
							C1314	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
R822	1-218-973-11	METAL CHIP	47K	5%	1/16W		04045	4 404 057 00	FLEOT	00 5	000/	E01/
R823	1-218-871-11	METAL CHIP	10K	0.5%	1/10W		C1315	1-124-257-00	ELECT	2.2uF	20%	50V
R824	1-218-881-11	METAL CHIP METAL CHIP	27K 27K	0.5%	1/10W		C1317 C1318	1-162-964-11	CERAMIC CHIP ELECT	0.001uF 2.2uF	10% 20%	50V
R825 R826	1-218-881-11 1-218-977-11	METAL CHIP	100K	0.5% 5%	1/10W 1/16W		C1316	1-124-257-00 1-124-257-00	ELECT	2.2uF 2.2uF	20%	50V 50V
R020	1-210-977-11	WE TAL CHIP	TOUR	370	1/1000		C1319	1-124-257-00	CERAMIC CHIP	0.001uF	10%	50V 50V
R827	1-218-977-11	METAL CHIP	100K	5%	1/16W		01020	1-102-304-11	OLIVAIVIIO OTIII	0.00101	10 /0	30 V
R828	1-218-990-81	SHORT CHIP	0	070	17 1011		C1321	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
R830	1-216-822-11	METAL CHIP	1.2K	5%	1/10W		C1322	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V
R831	1-218-965-11	METAL CHIP	10K	5%	1/16W		C1323	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
R834	1-218-949-11	METAL CHIP	470	5%	1/16W		C1325	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
R835	1-218-965-11	METAL CHIP	10K	5%	1/16W				< CONNECTOR >	>		
R839	1-216-797-11	METAL CHIP	10	5%	1/10W							
R840	1-216-797-11	METAL CHIP	10	5%	1/10W	*	CN1300	1-564-507-11	PLUG, CONNEC	FOR 4P		
R841 R842	1-218-990-81 1-218-933-11	SHORT CHIP METAL CHIP	0 22	5%	1/16W				< DIODE >			
R042	1-210-933-11	WE TAL CHIP	22	370	1/1000				< DIODE >			
R843	1-218-933-11	METAL CHIP	22	5%	1/16W		D1300	6-502-961-01	DI DA2J10100L			
R844	1-218-933-11	METAL CHIP	22	5%	1/16W		D1301	6-500-848-01	DIODE MC2840	-T112-1		
R847	1-218-990-81	SHORT CHIP	0				D1302	6-500-848-01	DIODE MC2840			
R848	1-218-990-81	SHORT CHIP	0									
R850	1-216-841-11	METAL CHIP	47K	5%	1/10W				< IC >			
R851	1-216-841-11	METAL CHIP	47K	5%	1/10W		IC1300	8-759-909-71	IC BA4558F			
R852	1-218-990-81	SHORT CHIP	0	=0/	4/40144				14.017			
R853	1-218-961-11	METAL CHIP SHORT CHIP	4.7K	5%	1/16W				< JACK >			
R854 R855	1-218-990-81 1-216-295-91	SHORT CHIP	0				J1300	1-822-757-11	JACK (LARGE TY	(DE) (MIC IN	1)	
NOOO	1-210-295-91	SHOKI CHIF	U				31300	1-022-131-11	JACK (LANGE 11	FL) (IVIIC IIV	1)	
R856	1-218-990-81	SHORT CHIP	0						< JUMPER RESIS	STOR >		
R857	1-218-990-81	SHORT CHIP	0									
R867	1-218-990-81	SHORT CHIP	0				JR1300	1-216-296-11	SHORT CHIP	0		
R869	1-218-961-11	METAL CHIP	4.7K	5%	1/16W		JR1301	1-216-864-11	SHORT CHIP	0		
R870	1-218-961-11	METAL CHIP	4.7K	5%	1/16W		JR1303	1-216-864-11	SHORT CHIP	0		
							JR1304	1-216-864-11	SHORT CHIP	0		
		< COMPOSITION	CIRCUIT B	LOCK >			JR1305	1-216-864-11	SHORT CHIP	0		
DD424	1 00/ 070 44	DEC NETWORK	100 (1005)	(4)			ID4200	1 016 064 44	CHUDT OLUD	0		
RB131 RB140	1-234-372-11 1-234-372-11	RES, NETWORK RES, NETWORK					JR1306 JR1308	1-216-864-11 1-216-296-11	SHORT CHIP SHORT CHIP	0		
RB185	1-234-372-11	RES, NETWORK	,	,			JR1309	1-216-296-11	SHORT CHIP	0		
יייי	1 20 T-012-11	ILO, INCI WORK	100 (1000)	`')			JR1310	1-216-296-11	SHORT CHIP	0		
		< VIBRATOR >					0010		3	•		
									< TRANSISTOR >	>		
X110	1-814-273-11	QUARTZ CRYSTA										
X113	1-814-446-11	QUARTZ CRYSTA					Q1300	6-551-696-01	TR ISA1235AC1-			
X332	1-814-306-11	VIBRATOR, CRYS					Q1301	8-729-055-10	TR 2SK3378ENT	L		
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MIC MS-214 TUNER USB

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
		< RESISTOR >				D1603	6-500-848-01	DIODE MC2840	-T112-1		
R1300 R1301	1-216-857-11 1-216-857-11	METAL CHIP METAL CHIP	1M 1M	5% 5%	1/10W 1/10W			< FLUORESCEN	T INDICATO	OR TUBE	>
R1302 R1303	1-216-817-11 1-216-849-11	METAL CHIP	470 220K	5% 5%	1/10W 1/10W	FL1601	1-236-711-21	FILTER, BAND PA	ASS		
R1304	1-216-827-11	METAL CHIP METAL CHIP	3.3K	5%	1/10W			< IC >			
R1305	1-216-833-11	METAL CHIP	10K	5%	1/10W	IC1601	6-716-993-01	IC MM1836A33I			
R1306 R1307	1-216-845-11 1-216-845-11	METAL CHIP METAL CHIP	100K 100K	5% 5%	1/10W 1/10W	IC1602	6-716-361-01	IC RS5B800-000	J2E2		
R1308 R1309	1-216-809-11 1-216-833-11	METAL CHIP METAL CHIP	100 10K	5% 5%	1/10W 1/10W			< COIL >			
R1310	1-216-833-11	METAL CHIP	10K	5%	1/10W	L1601 * L1602	1-457-998-11 1-400-973-21	COIL, AM ANTEN INDUCTOR (EMI			
R1311 R1312	1-216-833-11 1-216-839-11	METAL CHIP METAL CHIP	10K 33K	5% 5%	1/10W 1/10W	* L1603	1-400-973-21	INDUCTOR (EMI	FERRITE)		
R1312	1-216-639-11	METAL CHIP	33K	5% 5%	1/10W			< RESISTOR >			
R1314	1-216-821-11	METAL CHIP	1K	5%	1/10W	D4004	4 040 044 04	METAL OLUB	400	50 /	4/40/4/
R1315	1-216-833-11	METAL CHIP	10K	5%	1/10W	R1601 R1602	1-218-941-81 1-218-941-81	METAL CHIP METAL CHIP	100 100	5% 5%	1/16W 1/16W
R1316	1-216-821-11	METAL CHIP	1K	5%	1/10W	R1603	1-218-941-81	METAL CHIP	100	5%	1/16W
R1317	1-216-845-11	METAL CHIP	100K	5%	1/10W	R1604	1-218-965-11	METAL CHIP	10K	5%	1/16W
		< VARIABLE RES	SISTOR >			R1605	1-218-990-81	SHORT CHIP	0		
						R1606	1-218-965-11	METAL CHIP	10K	5%	1/16W
	1-227-452-11	RES, VAR, CARE				R1607	1-218-990-81	SHORT CHIP	0	5%	1/16\\\
****	. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	ան ա	. դր դր դր դր դր դր դր դր դ	1. d. d. d. d. d. d. d.	. 4. 4. 4. 4. 4. 4. 4. 4.	R1608 R1609	1-218-941-81 1-208-935-11	METAL CHIP METAL CHIP	100 100K	5% 0.5%	1/16W 1/16W
		MS-214 BOARD *******						< VIBRATOR >			
When the	MC 214 board is	dofootivo ovobono	no the entire	MD (ALI)	ACCV	X1601	1 767 217 11	VIDDATOD CDV	CTAI		
		defective, exchang					1-767-317-11 ******	VIBRATOR, CRY *******		*****	******
		TUNER BOARD					A-1820-972-A	USB BOARD, CC			
		< CAPACITOR >						< CAPACITOR >			
C1603	1-164-935-11	CERAMIC CHIP	470PF	10%	50V	C1151	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C1604	1-164-943-81	CERAMIC CHIP	0.01uF	10%	16V	C1154	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C1605 C1606	1-112-717-91 1-114-565-81	CERAMIC CHIP	1uF 0.047uF	10% 10%	6.3V 16V	C1159 C1160	1-124-635-00 1-124-635-00	ELECT ELECT	220uF 220uF	20% 20%	6.3V 6.3V
C1608	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V			< CONNECTOR :			
C1611 C1612	1-117-681-11 1-100-415-91	ELECT CHIP CERAMIC CHIP	100uF 0.47uF	20% 10%	16V 6.3V	CN1150	1-819-866-11	CONNECTOR, U		A PI AY)	
C1613 C1614	1-164-937-11 1-164-943-81	CERAMIC CHIP CERAMIC CHIP	0.001uF 0.01uF	10% 10%	50V 16V		1-819-866-11	CONNECTOR, U			REC)
C1615	1-100-415-91	CERAMIC CHIP	0.47uF	10%	6.3V			< DIODE >			
C1616	1-100-415-91	CERAMIC CHIP	0.47uF	10%	6.3V	D1150	6-503-388-01	DI 1L0352B13F0I			
C1617 C1618	1-115-416-11 1-115-416-11	CERAMIC CHIP	0.001uF 0.001uF	5% 5%	25V 25V	D1151 D1154	6-503-388-01 6-503-224-02	DI 1L0352B13F0I DI 1L0352V22F3I			
C1619	1-115-416-11	CERAMIC CHIP	0.001uF 0.001uF	5%	25V 25V	D1154 D1155	6-500-848-01	DIODE MC2840			
C1620	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V	D1156	6-500-848-01	DIODE MC2840			
C1621	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V	D1157	6-500-848-01	DIODE MC2840	-T112-1		
C1622	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V	D1158 D1159	6-500-848-01 6-502-970-01	DIODE MC2840 DI DZ2J068M0L	-T112-1		
		< CONNECTOR :	>			D1160 D1162	6-502-970-01 6-502-970-01	DI DZ2J068M0L DI DZ2J068M0L			
	1-568-826-11	CONNECTOR FF		A) AD (Et :	(A.B.4)						
* CN1602	1-506-680-11	PLUG, CONNEC	TOR (2.5MN	л) 3P (FM/	/AM)	D1164 D1165	6-502-970-01 6-502-970-01	DI DZ2J068M0L DI DZ2J068M0L			
		< DIODE >				D1166	6-502-970-01	DI DZ2J068M0L			
D1601	6-500-848-01	DIODE MC2840						< JUMPER RESIS	STOR >		
D1602	6-500-848-01	DIODE MC2840	-1112-1			JR1500	1-216-296-11	SHORT CHIP	0		
						JR1501	1-216-296-11	SHORT CHIP	0		

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
JR1502	1-216-296-11	SHORT CHIP	0			JR1030	1-216-296-11	SHORT CHIP	0		
JR1502 JR1503	1-216-296-11	SHORT CHIP	0			JR1030 JR1031	1-216-296-11	SHORT CHIP	0		
JR1503	1-216-296-11	SHORT CHIP	0			JR1031	1-216-296-11	SHORT CHIP	0		
01(1004	1-210-230-11	OHOITT OHII	U			JR1035	1-216-296-11	SHORT CHIP	0		
		< RESISTOR >				JR1036	1-216-296-11	SHORT CHIP	0		
R1150	1-257-173-91	METAL CHIP	560	5%	1/3W	JR1038	1-216-296-11	SHORT CHIP	0		
R1151	1-257-173-91	METAL CHIP	560	5%	1/3W	JR1039	1-216-864-11	SHORT CHIP	0		
R1152	1-257-173-91	METAL CHIP	560	5%	1/3W	JR1040	1-216-864-11	SHORT CHIP	0		
*******	******	******	******	*****	******	JR1042	1-216-864-11	SHORT CHIP	0		
		VOLUME BOARD)					< RESISTOR >			
						R1000	1-216-833-11	METAL CHIP	10K	5%	1/10W
		< CAPACITOR >				R1001	1-257-173-91	METAL CHIP	560	5%	1/3W
						R1002	1-257-173-91	METAL CHIP	560	5%	1/3W
C1000	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	R1003	1-257-173-91	METAL CHIP	560	5%	1/3W
C1001	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	R1005	1-216-819-11	METAL CHIP	680	5%	1/10W
C1005	1-124-584-00	ELECT	100uF	20%	6.3V						
C1007	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	R1006	1-216-821-11	METAL CHIP	1K	5%	1/10W
C1008	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	R1007	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
		CONNECTOR				R1008	1-216-833-11	METAL CHIP	10K	5%	1/10W
		< CONNECTOR :	>			R1009	1-216-833-11	METAL CHIP	10K	5%	1/10W
CN1000	1-784-784-11	CONNECTOR, F	FC 23P			R1010	1-216-833-11	METAL CHIP	10K	5%	1/10W
0.1000		001111201011,11	. 0 20.			R1011	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
		< DIODE >				R1012	1-257-173-91	METAL CHIP	560	5%	1/3W
						R1013	1-257-173-91	METAL CHIP	560	5%	1/3W
D1000	6-503-224-02	DI 1L0352V22F3I	MIT02			R1014	1-257-173-91	METAL CHIP	560	5%	1/3W
D1001	6-503-224-02	DI 1L0352V22F3	MIT02			R1015	1-216-837-11	METAL CHIP	22K	5%	1/10W
D1002	6-503-224-02	DI 1L0352V22F3I	MIT02								
D1003	6-503-224-02	DI 1L0352V22F3				R1016	1-216-833-11	METAL CHIP	10K	5%	1/10W
D1004	6-503-224-02	DI 1L0352V22F3I	MIT02			R1018	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
D.100=	0 =00 004 00	D. 41 00 = 01 (00 = 01				R1019	1-216-833-11	METAL CHIP	10K	5%	1/10W
D1005	6-503-224-02	DI 1L0352V22F3I	MI102			R1021	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
		< IC >				R1022	1-216-835-11	METAL CHIP	15K	5%	1/10W
						R1023	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
IC1000	6-713-768-01	IC R8A66166SF				R1024	1-216-837-11	METAL CHIP	22K	5%	1/10W
						R1026	1-216-839-11	METAL CHIP	33K	5%	1/10W
		< JUMPER RESI	STOR >			R1027	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
						R1028	1-216-797-11	METAL CHIP	10	5%	1/10W
JR1000	1-216-296-11	SHORT CHIP	0			D4000	4 057 470 04	METAL OLUB	500	50 /	4 (0) 4 (
JR1002	1-216-296-11	SHORT CHIP	0			R1029	1-257-173-91	METAL CHIP	560	5%	1/3W
JR1003	1-216-296-11	SHORT CHIP	0			R1030	1-257-173-91	METAL CHIP	560	5%	1/3W
JR1004 JR1006	1-216-296-11 1-216-296-11	SHORT CHIP SHORT CHIP	0			R1031 R1032	1-257-173-91 1-257-173-91	METAL CHIP METAL CHIP	560 560	5% 5%	1/3W 1/3W
31/1000	1-210-290-11	SHOKI CHIF	U			11032	1-231-113-31	WIL TAL CITIF	300	J /0	1/300
JR1007	1-216-296-11	SHORT CHIP	0					< SWITCH >			
JR1008	1-216-296-11	SHORT CHIP	0			04000	1 706 447 44	ENCODED DO	TA DV		
JR1009 JR1010	1-216-296-11 1-216-296-11	SHORT CHIP SHORT CHIP	0			S1000	1-786-417-11	ENCODER, ROTO (VOLUME - O - I		N)	
JR1010 JR1011	1-216-296-11	SHORT CHIP	0 0			S1001	1-771-410-21	SWITCH, TACTI		,	
UIXIUII	1-2 10-230-11	OFFICIAL OFFIC	U			S1001 S1002	1-771-410-21	SWITCH, TACTI	,	′	
JR1012	1-216-296-11	SHORT CHIP	0			S1002 S1003	1-771-410-21	SWITCH, TACTI	\ /		
JR1013	1-216-296-11	SHORT CHIP	0			S1004	1-771-410-21	SWITCH, TACTI	٠,	i + >> >	⊳ II)
JR1014	1-216-296-11	SHORT CHIP	0						(/
JR1015	1-216-296-11	SHORT CHIP	0			S1005	1-771-410-21	SWITCH, TACTI	LE (PC)		
JR1017	1-216-296-11	SHORT CHIP	0			S1006	1-771-410-21	SWITCH, TACTI	` '		
						S1007	1-771-410-21	SWITCH, TACTI			
JR1019	1-216-296-11	SHORT CHIP	0			S1008	1-771-410-21	SWITCH, TACTI			Γ)
JR1020	1-216-296-11	SHORT CHIP	0			S1009	1-771-410-21	SWITCH, TACTI	LE (DVD/SA	AT)	
JR1021	1-216-296-11	SHORT CHIP	0			_					
JR1023	1-216-296-11	SHORT CHIP	0			S1010	1-771-410-21	SWITCH, TACTI			
JR1024	1-216-296-11	SHORT CHIP	0			S1011	1-771-410-21	SWITCH, TACTI		1S)	
IB / * * * *	4.040.005 **	011007.00	•			S1012	1-771-410-21	SWITCH, TACTI		O.T.\	
JR1025	1-216-296-11	SHORT CHIP	0			S1013	1-771-410-21	SWITCH, TACTI			ի գի գի գի գի ոն ոն ո ^լ ^լ ^լ -
JR1026	1-216-296-11	SHORT CHIP	0			******	~~~~~~~~		~~~~***	~~~***	r~~~~***
JR1027	1-216-296-11	SHORT CHIP	0								
JR1028 JR1029	1-216-296-11 1-216-296-11	SHORT CHIP SHORT CHIP	0								
JIN 1028	1-210-230-11	OHORT CHIE	U								

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		VOLUME LED BOARD *************					
		< CONNECTOR >					
CN1290	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P					
		< DIODE >					
D1290	6-503-224-02	DI 1L0352V22F3MIT02					
		< RESISTOR >					
R1290 ******	1-257-173-91 *******	METAL CHIP 560 5% 1	1/3W ******				
		MISCELLANEOUS ************					
11 53	1-828-944-51 1-829-021-51	WIRE (FLAT TYPE) (7 CORE) WIRE (FLAT TYPE) (23 CORE)					
152 157	1-828-328-51 1-474-315-11	WIRE (FLAT TYPE) (13 CORE) SWITCHING REGULATOR					
158	1-783-820-11	CORD, POWER (US)					
158	1-837-344-11	CORD, POWER SUPPLY (E2, E51, MX)					
158 158	1-838-939-11 1-838-969-11	CORD, POWER (SAF) POWER-SUPPLY CORD (EA, MY)					
159 161	1-457-369-12 1-569-007-12	CORE, FERRITE ADAPTOR, CONVERSION 2P (E2, E51)					
		, , ,					
201 203	A-1114-646-A 1-828-252-51	MD (AU) ASSY (including MS-214 board) WIRE (FLAT TYPE) (24 CORE)					
△ 206	8-820-322-04	DEVICE, OPTICAL KHM-313CAB/C2RP					
207	1-828-300-11	(including sled motor, spindle motor) WIRE (FLAT TYPE) (7 CORE)					
FL901	1-483-367-11	VACUUM FLUORESCENT DISPLAY					
△ M891 ******	1-855-006-11 ******	FAN, DC	*****				

Note: If wire (flat type) is replaced, install it after bending it in the same form as that before replacement.

REVISION HISTORY

Checking the version allows you to jump to the revised page. Also, clicking the version at the top of the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision					
1.0	2011.06	New					
1.1	2011.09	Addition of South African model Delete C1634 in DAMP board for Saudi Arabia model Add R1736 in DAMP board for Saudi Arabia model Change P/N of IC107 in DMB21 board Change P/N of IC1601 in TUNER board Change of AUDIO-IN, BUTTON, BUTTON LED, DISPLAY, MIC, USB, VOLUME and VOLUME LED boards (Suffix-13) Change P/N of Q1301 in MIC board					
1.2	2012.02	Add PROTECT KIND CHECK TEST MODE in page 12 Change P/N of R1447 and R1449 in DAMP board Change P/N of Q205, Q800, Q804 and Q805 in MAIN board Change P/N of Q906, Q907, D901, D903, D904 and D905 in DISPLAY board Change P/N of Q1301 in MIC board Add JR924 in DISPLAY board Change of AUDIO-IN, BUTTON, BUTTON LED, DISPLAY, MIC, USB, VOLUME and VOLUME LED boards (Suffix-14) Change of DMB21 board (Suffix-21) Delete Q102 in DMB21 board Add Q104 and Q105 in DMB21 board					
1.3	2012.07	Addition of US model Change P/N and description of IC300 in MAIN board Change P/N of L900 in DISPLAY board Change of DAMP board (Suffix-14)					